

1889

GOLDEN ANNIVERSARY

1939

SOL HOT

TRADE
REGISTERED
U.S. PATENT OFFICE
MARK

**BROODERS
AND**

POULTRY SUPPLIES THE WORLD OVER

OUR

Golden Jubilee Year

YOUR

Golden Opportunity

H. M. SHEER COMPANY

QUINCY,

CATALOG NO. 50

ILLINOIS



1915



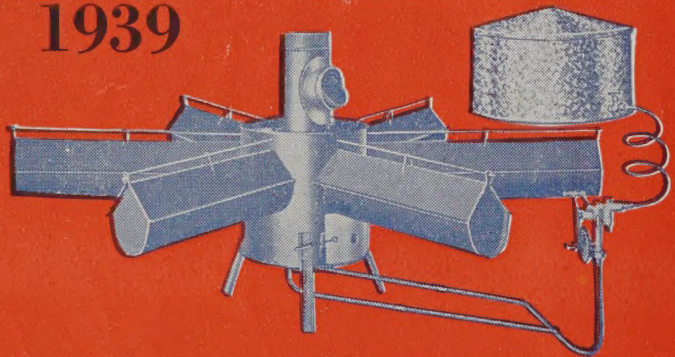
AN EARLY MODEL SOL-HOT
THE FIRST TO HAVE A THERMOSTAT CONTROL

1925



SOME OF THESE BROODERS SOLD IN 1925 ARE IN
USE TODAY - - THEY MUST BE GOOD!

1939



IMPROVED RAYDIANT OF 1939

Read the Inside Story of the Progress of a Great Brooder Manufacturing Company

FIFTY YEARS AGO—in 1889—when the H. M. Sheer Company was young—poultry raising as a business, was also young—largely a “back-yard” enterprise, with little scientific knowledge to guide the owners of flocks.

Today poultry raising is termed, “a billion dollar industry” and the H. M. Sheer Company proudly takes its place as a leader in this great industry. After fifty years of progress and development, the H. M. Sheer Company is justly proud of its pioneer work in the field.

Changing times brought changing demands. The manufacturers of Sol-Hot Brooders and Equipment were ever ready to meet the changing demands of their customers.

When poultry raisers needed an absolutely safe—absolutely dependable blue flame type brooder, the H. M. Sheer Company set about building it. Mr. H. M. Sheer, an experienced poultryman and engineer, thoroughly understood the needs of poultry raisers. He worked with untiring effort by day and by night to perfect a self-leveling, safe, automatic oil brooder. His efforts were rewarded. The result was the famous SOL-HOT TWIN-FLOAT—the **FIRST** and **ONLY** self-leveling brooder ever made.

With this accomplished, the H. M. Sheer Company engineers turned their efforts toward the perfection of drum type brooders. After many years of successfully designing, experimenting and developing drum brooders, they presented one of the greatest contributions ever made to poultry progress—the SOL-HOT RAYDIANT BROODER—a highly efficient drum brooder without a canopy. This was introduced by the H. M. Sheer Company in 1935—the first major brooder invention in more than a decade.

As you read through the pages of the 1939 Sol-Hot Anniversary catalog, you will see what the H. M. Sheer Company has accomplished in recent years. The remarkably fine Air-Flo Brooder will interest you, you will enjoy reading about the new Sheer Comfort Contact Heat Battery Brooder—the improved Raydiant—and the 1939 Twin-Float Brooder.

The Inside Story of Brooding Building Progress continues through each of the 72 pages showing our biggest and best line. There are values on every page for you.



Pioneers in 1889



Leaders in 1939

DEAR FRIEND:

Your Name

is on the Membership List of our great "Sol-Hot Family." Our "Family" is made up of men and women at home and abroad—the world over—all with one common objective in mind—making money with poultry and eggs.

You Are Invited

as a member of our Sol-Hot Family, to join us this year in the celebration of a very happy occasion — our Golden Jubilee.

Our Anniversary Gift to You

is a line of Sol-Hot items which will help you to enjoy poultry raising. It is a line of brooders and poultry equipment developed through years of successful designing, building, and manufacturing of brooders and brooder equipment. It is only reasonable that we should know how to build high quality equipment because of our many, many years of experience in brooder building.



We Have Built More Than a Great Brooder Industry

We have built quality into our brooders—we have built what we consider the finest brooders ever devised—and we have built a reputation for fairness and square dealing with our friends.

Our Prices Are Low - Quality Considered - Our Terms Attractive!

The more brooders we sell—the less they cost you. Every brooder which you or your friends and neighbors have purchased from us during the past twenty years has enabled us to give **you a better price**. Thousands of brooders have been purchased and if you will compare present prices with a list sent you ten years ago, you will observe that the brooders are cheaper now. We have improved the brooder, but lowered the price.

Your Brooder Is Illustrated Here—

Send Your Order To Us Now! Today!

Send your instructions today and your order will be promptly entered. Select the style you like—oil, electric, wood, coal, or gas. Take advantage of our Term Payment Plan if you wish. Return the order blank to us today and your brooder or equipment will be there and ready for use within a very short time.

Cordially yours,

J. B. Hudicka

President,

H. M. SHEER COMPANY



There Is A Sol-Hot Brooder To Meet Every Need



Many Sol-Hot Owners Tell Us That Sol-Hot Brooders Are the Best Brooders Made



Leetonia, Ohio

Some time ago I purchased two of your Sol-Hot Raydiant Brooders. To date they have given wonderful performance in every respect. These stoves have been in operation since January 25 and to date—March 25—have consumed 180 gallons of kerosene, an average of about three gallons per day for two stoves. Although the winter was mild, I still believe the stoves to be the best possible and as a helpful little hint in caring for the stoves, I find that an ordinary tire pump makes cleaning easier. I used one to blow out the dirt that accumulates in the overflow pipe, also to clean the loosened carbon out of the burner well. It does a clean, efficient job with little effort. In the future when I need good, efficient stoves I know where I will get them.

Columbus, Kansas

I wish you would send me your catalog. I brood turkeys and have had the best of success with the type such as your Blue Flame Brooder.

Marlboro, Massachusetts

I have used my Sol-Hot Brooder for eight years—both winter and summer brooding and have never had any style of brooder that can begin to produce the results obtained from the Sol-Hot 54" Twin-Float.

Los Angeles, California

I have enjoyed our Sol-Hot Raydiant Brooder which was delivered to us in 1936. I will say that no other brooder that we have ever seen could take its place. It simply does the work to perfection.

New Ulm, Texas

We wish to take this opportunity to say that the four Sol-Hot Oil Brooders we have in operation are the most economical of all brooders we have ever used. The three Raydiant Brooders are far superior—no matter how tested—in fuel consumption and heat output. We have never used a brooder that operates more satisfactorily than the Raydiant. The thermostatic control is absolute. Friends and neighbors in this section are taking notice of our wonderful equipment.

Charlotte, North Carolina

Please send us two Twin-Float Brooders. We have seven of your Twin-Float 64" Canopy size, which we have been using since 1927 with splendid results and to our complete satisfaction.

Glasgow, Kentucky

I like my Raydiant Brooder stove fine.

Lutz, Florida

I've had two Sol-Hot Twin-Float Oil Brooders for ten years—no trouble—these brooders are satisfactory in every way.

Middletown, New York

Please repeat my order. I like my first Sol-Hot Brooder very much.

Houston, Texas

Please send me a catalog and price list of your Brooders. I have been using one of yours for three years and I want one or two more.

Albany, Georgia

Please send catalog of your late brooders; if your new brooders are better than the old ones, they must be very fine. I have used my brooder over and over—year after year—and it still performs like a new one.

Carnish, Maine

I now have three of your Sol-Hot Twin-Float Oil Brooders and am still using them every season. They work like new. I don't think you can ever wear them out. I need new equipment and your goods are the best I have found as yet, so would like to get your catalog before buying elsewhere.

Bridgewater, Iowa

Would like some repairs for our Twin-Float Sol-Hot Brooder Heaters. We have had our brooders for ten years or more and always found them perfectly reliable.

Moline, Kansas

Please send price list of parts for the Sol-Hot Twin-Float Brooder. We used mine for years and it is still in A-1 condition.

Custer, Oklahoma

Please send me your catalog. As long as I can buy a Twin-Float Sol-Hot Brooder, I will have no other, so please answer by return mail.

Ontario, Canada

I purchased one of your Giant Twin-Float Brooders last year and I think it is the nearest to a perfect oil brooder that could be manufactured. I used my burner from the end of February on until June and in the near zero weather in March, I had no trouble keeping the brooder house (12'x13') warm. I find that the Giant size that I have is very easy on oil in consideration of the amount of heat produced. I am certainly very well pleased with your burner and would like to have a smaller brooder for use from February right through until the middle of June.

Eldridge, North Dakota

We have used a Twin-Float now for eight years and think it is the best brooder made.

Axtell, Nebraska

I have a Sol-Hot Twin-Float Brooder. I like it fine and have used it all these years without any repairs. I think I bought this Twin-Float Sol-Hot Brooder in 1926.

Deming, New Mexico

In March, 1936, you shipped me a Sol-Hot Raydiant Brooder. It is fine.

Gonic, New Hampshire

The Raydiant are so much better than expected that I am amazed. Please enter my order for two more of the Sol-Hot Raydiant Brooders.

Prefers the Raydiant Brooder

Siloam Springs, Arkansas
January 24, 1939

H. M. Sheer Co.,
Quincy, Illinois
Gentlemen:

Last Fall I purchased four Sol-Hot R-1 Raydiant Brooder Stoves from you and on September 22 I started operating them. It took only a short time to get them adjusted to proper temperature and the Thermostat Control held the houses at the proper heat all through the brooding period, regardless of the outside temperature.

The Raydiant Brooders have a number of advantages over the canopy type stoves we have used in the past and we heartily recommend this type stove to anyone wanting an efficient and economical brooder stove.

Yours very truly,

J. H. Pickens.

Hagerstown, Maryland

If we were going to get a dozen brooders, they would be Sol-Hot Raydiant. We like them very much. Mrs. put 306 under the brooder in October and she had 300 fine chicks weighing 2½ lbs. at 8 weeks of age.

Waukegan, Illinois

We have had the Commander Brooder in service for two years and find it very efficient.

Hillsdale, New Jersey

I own one of your Sol-Hot Raydiant Brooder stoves and no other will do now that I have once used yours.

Haviland, Ohio

I bought the Raydiant last Spring and find it very satisfactory and everything you claimed for it.

Atchison, Kansas

Just a line to say that you really have something in the Sol-Hot Raydiant Brooder. It is something different and yet efficient and produces better results with less fuel than the old canopy type.

Sidney, New York

I purchased a Raydiant Brooder stove from you last Spring and will say it is the best I have ever used. Expect to order another stove from you next Spring.

Mansfield, Ohio

Please send us your catalog showing stoves for laying houses. We are using two of your brooder stoves and like them very much.

Pottsville, Arkansas

I am using one of your Twin-Float Brooders and think it is the best there is. If the Raydiant is what I think it is, I want one of them at once.

East Liverpool, Ohio

The Twin-Float Brooder you sent me is exceptionally satisfactory. Sometime in the future, I will be ordering a number of Twin-Float Brooders. They can't be beat.

Winamac, Indiana

Please send as soon as possible, one Red-Hed Brooder. I have had thirteen years' experience with these stoves. If there is a better stove made, I have never seen it.

Caddo, Texas

Please send us a copy of your catalog. The Sol-Hot Brooders are the finest that I have ever used and I can't recommend them too highly. We want to buy a Twin-Float Brooder, if you still make them.

Bloomfield, Nebraska

The Sol-Hot Twin-Float Brooder has given 100% satisfaction. It was purchased in 1928.

Havana, Cuba

We bought a Commander Brooder from you a few months ago and wish to say that we have had excellent results from it.

Morristown, Minnesota

Please send me your Brooder catalog. We have two of the old type Sol-Hot Brooders and like them very well.

There Is A Sol-Hot Brooder To Meet Every Need



SECURE YOUR NEEDS FROM AN OLD-ESTABLISHED MANUFACTURER
2 TO 5 HOUR SHIPPING SERVICE IN MOST CASES

We supply good quality merchandise and do our best to render 2 to 5 Hours' Shipping Service. Each and every item in this Catalog is sold under the Sol-Hot Famous Guarantee and we try to give you the service you have a right to expect.

REGULAR TERMS OF SALE ARE:—On orders under \$10.00, remit cash. On orders of \$10.00 or more, remit 25% of total value with order; balance payable C. O. D., unless you have applied for credit as outlined. All prices in this Catalog are F. O. B., Quincy, Illinois, unless otherwise specified.

DAMAGES OR SHORTAGES—If a shipment arrives damaged or short any parts, have the delivery agent make a notation of the shortage or damage on your Express, Postal, or Freight receipt and send it to us immediately. We will then assist you in getting settlement of claim for any damage or loss of merchandise in transit.

FOREIGN SHIPMENTS — An Export Boxing Charge . . . costing 6 to 10%, depending upon weight of equipment . . . is necessary on shipments to all foreign countries, except Canada and Mexico, where U. S. domestic packing is acceptable to the transportation companies.

ERRORS—We are very careful in filling all orders; nevertheless, in the rush of business, errors are likely to occur at times. In case of a mistake on your order, notify us at once and we will cheerfully and promptly correct it.

RETURNED GOODS—In no case do we accept the return of merchandise, unless customer has received permission from our Claim Department, authorizing its return.

FOREIGN TERMS — Cheque with order (U. S. Funds) or deposit of amount of order with agent or banker in New York or San Francisco, against shipping documents.

Easy Payment Plan

Fill Out The Blank On Page 69 — Return Page 69 With Down Payment

Lack of ready cash need not keep you from ordering what you need now. If you have a regular income, we invite you to use our Time Payment Plan. Anything we sell can be included. As little as \$10.00 worth is enough to open a credit account with us. There are no hidden charges. See the complete plan outlined in the table of terms below.

To assist our customers in purchasing Sol-Hot Broiler Plants, Brooders, Poultry Supplies, and Equipment, and benefit by the many advantages offered by same, we now offer the following convenient Easy Payment Plan. This time payment offer applies to prices quoted in this Catalog. We offer this plan for the convenience of our U. S. customers only.

SOL-HOT TABLE OF TERMS

Cash Price of Mdse. Ordered	Amount to Add for Easy Payments	Down Payments	Monthly Payments
\$ 10.00—\$ 20.00	\$ 1.50	\$ 3.00	\$ 3.00
20.01— 30.00	2.50	5.00	5.00
30.01— 40.00	3.50	7.00	6.00
40.01— 50.00	4.50	9.00	7.00
50.01— 75.00	6.25	12.00	8.00
75.01— 90.00	8.25	16.00	10.00
90.01— 105.00	9.75	19.00	11.00
105.01— 120.00	10.00	22.00	12.00
120.01— 135.00	10.50	25.00	13.00
135.01— 150.00	11.00	28.00	14.00
150.01— 175.00	12.00	30.00	15.00
175.01— 220.00	13.00	33.00	16.67
220.01— 250.00	22.50	42.00	19.00
250.01— 300.00	27.50	52.00	21.00
300.01— 350.00	32.50	62.00	27.00
350.01— 400.00	37.50	72.00	32.00
400.01— 450.00	42.50	82.00	35.00
450.01— 500.00	47.50	92.00	37.00

On orders totalling over \$500.00, write for special time payment terms

Return the Blank on Page 69, Together with Down Payment

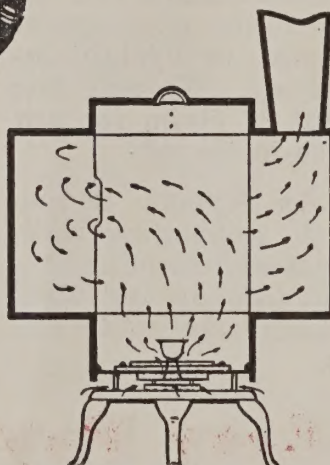
ORDER WHAT YOU NEED TODAY

Now comes the



BIG BROTHER TO THE SUCCESSFUL DRUM MAJOR

The "Commander" is the "request number" of poultry raisers. Poultrymen were well pleased with the Sol-Hot Drum Major Brooder and asked us to give them a drum type brooder similar to the Drum Major, but of larger capacity. We responded with the Commander Brooder which has met with outstanding success.



The ample size of the radiation drum on the "Commander" is shown above. Large radiation area, along with the Roto-Flame burner, means unusual heating capacity for this Drum brooder.

RAISED AS MANY AS 99%

"I have had great success with my Sol-Hot Brooders. I now have two brooders in my new brooder house which are both Sol-Hot Brooders. I will never be without Sol-Hot Brooders again as long as I brood chicks. They are the most perfect and most satisfactory brooder I have ever used. I have raised as many as 99% of the chicks which I put under Sol-Hot Brooders."

CHICK GROWTH SUPERIOR TO ANY

"The growth of the chicks in my 'Sol-Hot' Brooder House has been far superior to any I have ever seen in any brooder house. With the proper conditions of correct temperature and ventilation my chicks have surpassed all others in size and vigor. And chick mortality averages less than 6%."

ONLY LOST 7 OUT OF 330

"Even distribution of heat helped me save all but seven of 330 chicks brooded under Sol-Hot oil-burner. Fuel economy even in zero weather, safety from fire, dependable with minimum amount of watching make Sol-Hot my choice of brooder. Tried another company's stove with no success before using Sol-Hot."

LOST ONLY 5 OUT OF 500

"It has been my pleasure to use one of your Sol-Hot Brooders. They sure are a marvelous piece of machinery. Put out flock of 500 chicks and only lost five out of the flock. For strong, healthy chicks Sol-Hot can do the work. If once used always used."

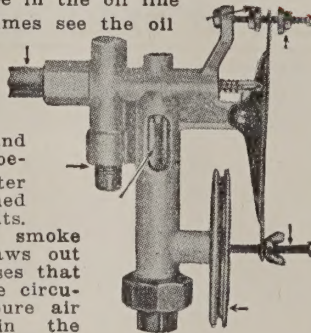
Using your large Commander oil brooder and recommend it to anyone buying a brooder stove. Have taken out my other stoves and use yours entirely.

Thought it no more than justice that I drop you a line or two in regard to the brooder purchased from you this past season. We are using two other makes of brooders and although we have been having fairly good success with them still we are more than pleased with the SOL-HOT COMMANDER purchased from you. The principal reason that we like the Sol-Hot so well is that it is so easy to regulate and takes so little attention after once being fired up and regulated. We find that it maintained a good steady heat and altho we had some varied changes in the weather here, still the brooder held at the same steady heat and that means that the little chicks were satisfied and happy which means a low loss in mortality. We are well pleased and can heartily recommend the SOL-HOT to anyone wanting a good first-class brooder.

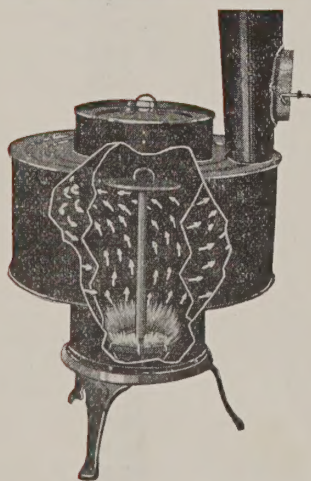


VISIBLE DRIP FEED

With this device in the oil line you can, at all times see the oil being flowed to the burner. Oil filter strains out every particle of sediment and prevents fuel line being blocked. Filter may be easily cleaned in a few moments. The center draft smoke pipe instantly draws out all fumes and gases that form and a gentle circulation of clean, pure air is maintained in the brooder room at all times.



The Automatic Thermostat control is so efficient that the Commander varies hardly one degree and the burner is so efficient that it will operate constantly with a tiny flame that instantly burns at full blast should the weather conditions demand.



Note the extremely large size Heat Drum of the "Commander" pictured above. Also the manner in which the heat travels around the outside chamber, utilizing all heat units and likewise reducing stack loss to the minimum.

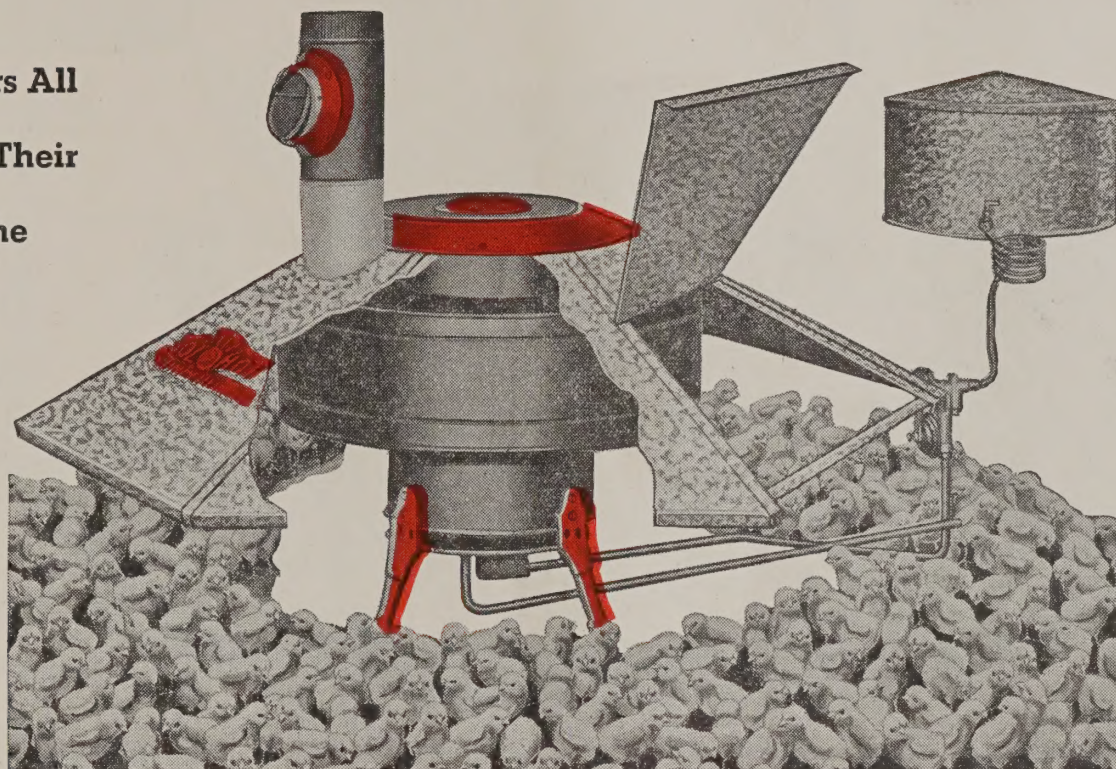
SOL-HOT 30-DAY GUARANTEE

The manufacturers of SOL-HOT Brooders Guarantee that all Brooders and Poultry Supplies listed in this catalog are as represented and to do what we claim, or we will make good by replacement or refunding purchase price. Our only stipulation being that such application for adjustment be filed within 30 days after you receive your shipment.

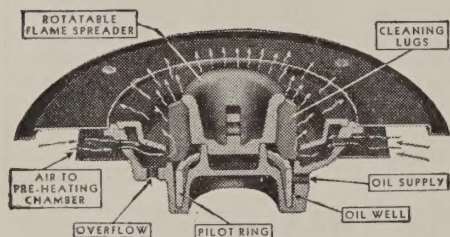
COMMANDER

Improved Oil Drum Brooder

Poultry Raisers All
"Take Off Their
Hats" to the
Triumphant
Commander



Burns
Kerosene
Or Distillate



The Big Sol-Hot Roto-Flame Burner provides clean, even combustion and eliminates the soot problem often present in ordinary drum brooders. The Roto-Flame will efficiently burn Distillate and gives increased economy with regular kerosene.

ONLY
CM-2135 \$15⁶⁰

A Big Brooder at a Low Price

We want you to carefully check point by point every constructive feature of the Commander with the features of other brooders. Check its heating capacity, the materials used in construction, its sturdy design, the performance of the ROTO FLAME BURNER and its economical cost of operation, a most vital point to check as regards outcome of your year's profits—and last of all its many convenient operation features.

The Commander Brooder comes in two sizes, the 21-inch drum size and the 24-inch drum size. Depth of radiating drum of the 21-inch size is 8 inches. The 24-inch radiating drum is 10 inches deep. Diameter of combustion chamber is 10½ inches. Legs and burner base outlet pipe are of 5-inch size. Will burn either kerosene or distillate and temperature is controlled by sight-drip thermostat valve control. The burner is the very efficient Roto-Flame type.

CAPACITY—It is the general practice to rate the chick capacity of drum brooders according to the heating capacity of the drum, leaving the selection of canopy size up to the buyer. The larger canopies confine the heat closer to the brooder area, which means a saving in fuel consumption—but regardless of rated brooder capacity, one should not have over four chicks to every square foot of floor space. For example, a house 10x10 ft. will afford sufficient floor space for 400 chicks.

The Commander will operate with an absolute minimum of attention. The time required for cleaning the burner being only a few minutes. At any time the space below the hover can be quickly swept by simply removing the canopy door. No pulleys are required on this canopy and no bending of knees to clean beneath the hover in order to keep the brooder house in highest sanitary condition.

Oil container is 8½ gallons capacity and an oil strainer is provided on every brooder. Pilot wick ring insures easy starting and low flame economy. Hexagon type canopy and hinged canopy door means easy accessibility to all parts of stove, convenience in cleaning beneath hover, as well as an occasional cleaning of burner. The finish is blue steel.

High in Efficiency ~ Low in Price

No.	Complete Brooder	Diameter of Drum	Size of Canopy	Recommended for Houses up to	Chick Capacity	Shipping Weight	Price Each
CM-2101	Commander Brooder Without Canopy	21 in.	.....	10 x 12 ft.	.....	36 lbs.	\$14.00
CM-2135	Commander Brooder With 7-piece Canopy	21 in.	35 in.	10 x 12 ft.	500	45 lbs.	15.60
CM-2146	Commander Brooder With 7-piece Canopy	21 in.	46 in.	10 x 12 ft.	600	49 lbs.	16.65
CM-2156	Commander Brooder With 7-piece Canopy	21 in.	56 in.	10 x 12 ft.	700	52 lbs.	17.70
CM-2401	Commander Brooder Without Canopy	24 in.	.....	10 x 12 ft.	.....	42 lbs.	15.95
CM-2456	Commander Brooder With 7-piece Canopy	24 in.	56 in.	12 x 16 ft.	800	60 lbs.	20.50
CM-2466	Commander Brooder With 7-piece Canopy	24 in.	66 in.	12 x 16 ft.	1000	64 lbs.	21.50

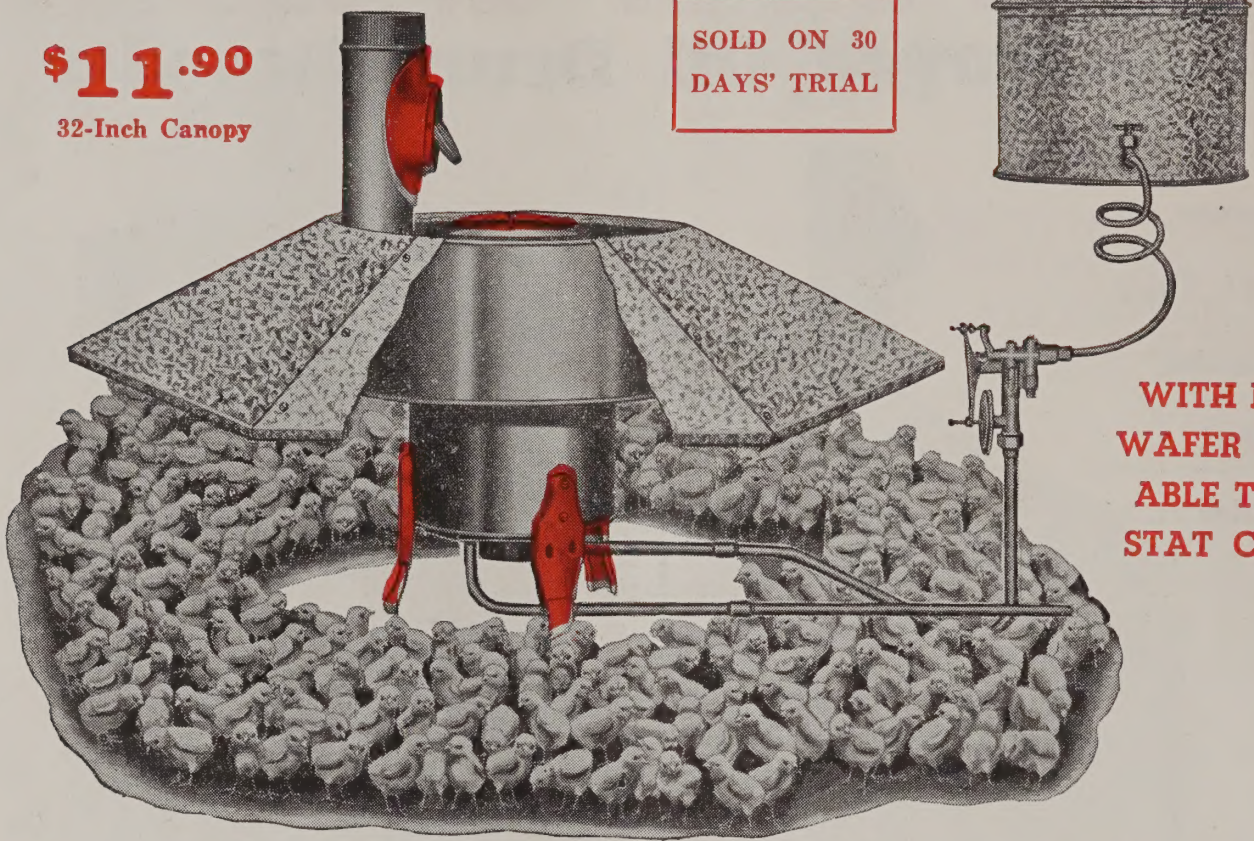
The **SOL-HOT** Drum Major Oil Burning Brooder

DESIGNED FOR THE THRIFTY SMALL FLOCK OWNER

\$11.90

32-Inch Canopy

SOLD ON 30
DAYS' TRIAL



WITH DOUBLE
WAFFER DEPEND-
ABLE THERMO-
STAT CONTROL

COMPARE THESE SPECIFICATIONS

- 1 Heater Drum built of heavy gauge blued steel. Drum diameter 17 in.
- 2 Heavy Cast Iron legs furnish a solid support for the drum.
- 3 Furnished with Sol-Hot Cast-Iron Roto-Flame Burner including Pilot Ring.
- 4 Canopy of heavy galvanized iron—can be easily tilted for inspection under stove—

- furnished two sizes, 32 in. and 42 in. dia.
- 5 Draft Equalizer built into section of pipe. Recommended to be placed as the second section of pipe from the stove. A great safety and economy feature.
- 6 Visible Drip Feed to Oil Control Valve accurately controls the flow of oil from tank to burner. A double brass Sol-Hot

Wafer Thermostat operates the Valve to give brooding temperature desired.

- 7 Four gallon oil tank furnished—burns kerosene or 38-40 distillate—very economical in fuel consumption. The Drum Major Stove will use 3 qt. to 3½ gallons in twenty-four hours, depending on out-door temperature, house construction, brooding temperature required, etc.

DO YOU WANT TO HEAT A SMALL BROODER HOUSE AT LOW COST?

The Sol-Hot Drum Major Brooder was designed expressly for you and for the thousands of farmers and poultry raisers who have small buildings or brooder rooms which must be efficiently heated. The Drum Major Oil Drum Brooder is offered to the small flock owner who wishes to limit brooding expense to the minimum—and at the same time, demand a thoroughly DEPENDABLE Brooder.

THE DRUM MAJOR HEATS A BROODER HOUSE 10'x10' OR SMALLER

If you are brooding your chicks in a house 10 feet by 10 feet or smaller, you can rely upon the Sol-Hot Drum Major to take care of heating your building with highest efficiency. The heating principle is the same as that which we have applied to larger oil drum brooders. It is one of the results of our many, many years of successfully building brooders which offer perfect performance in operation.

THE BROODER THAT OFFERS A BIG SAVING FOR YOU

The big demand for Drum Major Brooders in large quantities, enables us to make these brooders and sell them at the amazingly low prices which offer you a big price saving. The Drum Major is a real Scotchman on fuel and thrifty poultry raisers consider first, the efficiency of the Drum Major and then the long service it will give—then the very low price. The next thing they consider is the very low operating cost. This brooder can't be beat for saving you money.

THE DRUM MAJOR IS A SOL-HOT—IT IS THEREFORE A QUALITY BROODER

30-DAY MONEY-BACK GUARANTEE

We guarantee the service you have a right to expect. We guarantee every article listed in this catalog to be as represented and to do what we claim—or we make good by replacing merchandise or refunding full purchase price. Application for adjustment, however, must be filed within 30 days after shipment is received.

HIGH IN EFFICIENCY—LOW IN PRICE

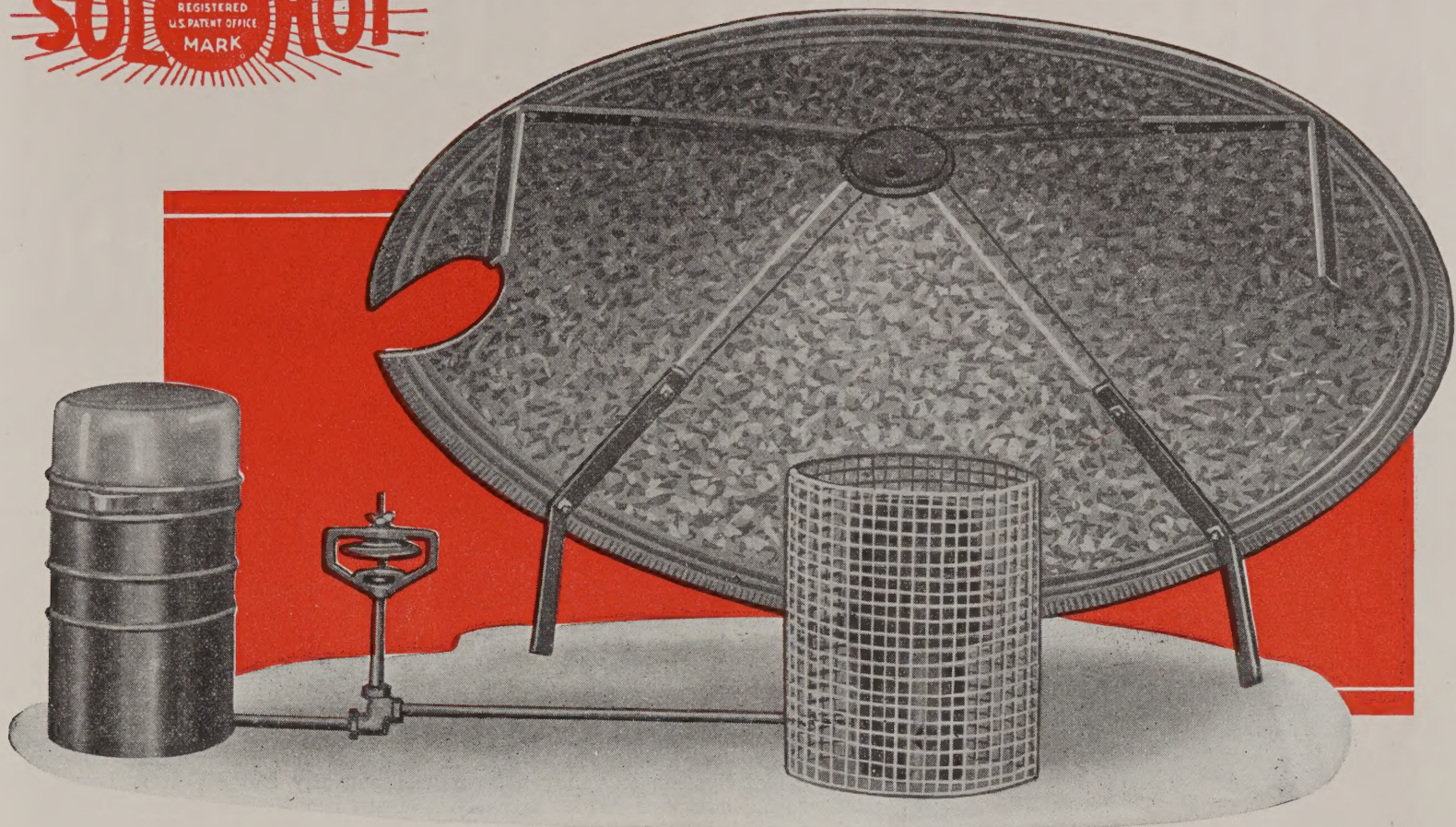
Cat. No.				Diameter Canopy	Diameter Drum	Actual Capacity	Shipping Weight	Price
9-32-J	Drum	Major	Brooder.....	32 in.	17 in.	200 Chicks	31 lbs.	\$11.90
9-42-J	Drum	Major	Brooder.....	42 in.	17 in.	300 Chicks	34 lbs.	12.90

F. O. B. QUINCY, ILLINOIS

There Is A Sol-Hot Brooder To Meet Every Need



Blue Flame Brooder



Here is a sturdily built and designed Canopy Type Oil Burner Brooder priced specifically to meet all competition, equipped with an Automatic Temperature Control.

The Canopy is of an unusually heavy construction. The Burner burns with a clear blue flame giving unusual heat with an economical consumption of oil due to the special type of Burner Well used.

The Automatic Thermostat Control Valve is of brass for durability and accuracy.

The Burner Bowl used with Lighting Wick means no priming is necessary.

OIL CONTAINER—One gallon glass jug with bail and automatic valve. Shows oil level at a glance.

SELF CENTERING CHIMNEY—Flange guide on burner well to center chimney. Draft diffuses incorporated in this flanged guide ring.

Flues standard Sol-Hot type.

OIL PIPE—Rigid type, 1/4 standard pipe.

THERMOSTAT CONTROL—Automatic Thermostat Control, brass valve, Sol-Hot wafer

type. Simple in design. Maintains desired temperature.

BURNER BOWL—Deep drawn, uses lighting wick, no priming necessary.

CANOPY—Prime Sheets galvanized 28-gauge, metal legs. Equipped with adjustable

ventilator.

SCREEN GUARD—Around burner to prevent chicks getting too near.

OIL LEVEL ADJUSTMENT—An oil well support housing. Screw type.

No.	Size Canopy	Shipping Wgt.	Price
No. 42	42	32 Lbs.	\$10.50
No. 52	52	38 Lbs.	11.40

Oil Burner Converter

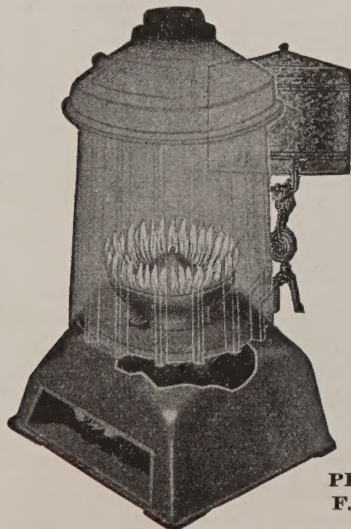
BURNS FUEL OIL IN COAL BROODER

Makes a Drum Type Oil Heater out of any type Coal Brooder. Designed and built to replace coal in your brooder stove and give complete and satisfactory results. Eliminates the labor necessary with coal. This burner produces more heat than coal, an even, quick fire and requires no watching. You get a steady continuous heat. Automatic Temperature Control with efficient drip-feed regulator. Produces oil-gas heat from oil and air. 95% air to 5% oil. Produces high or low flame and will not go out under any regulation or condition. Durability, dependability and economy are three factors in this heater. Its construction and operation are simple, only two cast-iron parts to the Burner.

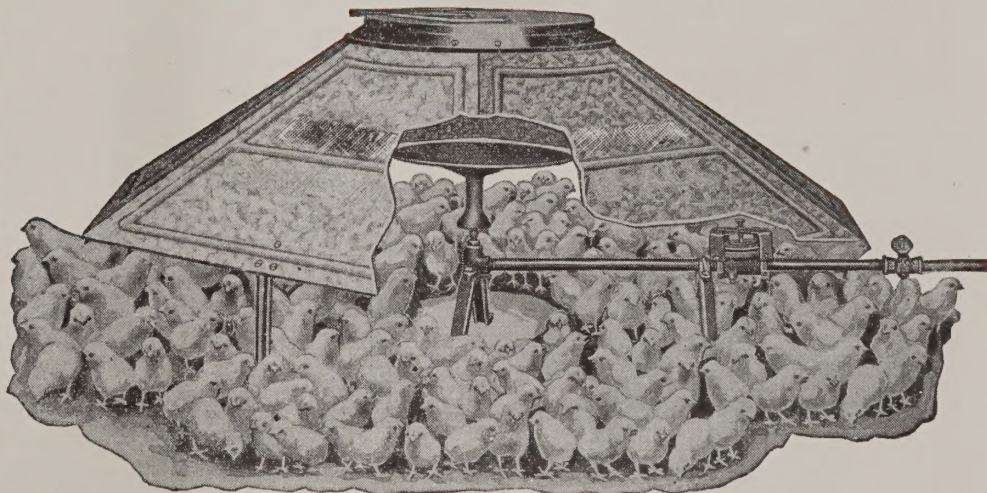
Burns Either Distillate or Coal Oil

A large 8 1/2-gallon oil container with filter is furnished with all necessary pipe fittings. Automatic Drip Feed Regulator and complete Burner Assembly, with full instructions for installing and operating. The oil container can be placed inside or outside the building. The oil consumption ranges from 1 to 3 gallons every 24 hours depending upon size and construction of the brooder house and temperature conditions.

PRICE COMPLETE
F.O.B. Quincy, Ill.
\$11.00



Sol-Hot Gas Brooder



Supplies uniform heat without soot or smoke. Operation cost about the same as for an oil brooder. Special Gas Thermostat regulates the gas—maintains an even heat. Brooder comes complete as shown—ready to connect to pipe line. Specify if Brooder is wanted for operation on natural or artificial gas.

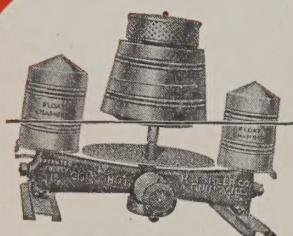
ALSO SEE RAYDIANT GAS BURNING BROODER, PAGES 12 AND 13.

No.	Chick Capacity	Weight	Price
GB-1 Burner Only		20 Lbs.	\$ 8.00
GB-36	200	22 Lbs.	9.90
GB-46	300	24 Lbs.	10.80
GB-56	500	30 Lbs.	11.70

No. 9-15A—Gas Regulator only. Same as furnished on above Brooder. For 1/4-in. pipe connection. Suitable to use on any Gas Brooder or Heater to control temperature within range of 75 to 120 degrees. Weight 2 lbs. Price\$3.00

(Not recommended for Butane Gas)
Mailable. Postage Extra

THE FIRST CHOICE of EXPERIENCED POULTRYMEN



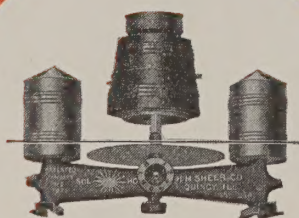
New TWIN FLOAT
Keeps Oil Always
Level At Burner

Sol-Hot Wickless Burner



It Makes No
Difference How Un-
even Floor May Be

One of the finest features of the Sol-Hot Twin Float Oil Level is the ease with which it is cleaned. All you need to do is once every 2 or 3 weeks thrust the cleaning rod through the feed tube.



Heater Always Burns
Even At Any Angle

Maintains Even Flame Regardless of
Shaky Floors

Fourteen years ago when we announced the Sol-Hot Twin-Float Oil Level principle to an amazed poultry world, we stated that the Twin-Float was one of the SAFEST Canopy Type Brooders ever devised. Today Twin-Float owners ARE TELLING US that the Twin-Float is not only SAFE but DEPENDABLE and EFFICIENT. Many of the first brooders built are still giving service.

RAISE BROILERS AND FRYERS! TWIN-FLOAT COLONY BROODER SYSTEM

**Takes Chicks From One Day To 12 Weeks With Minimum Losses
Capacity 500 To 15,000 Chicks. Uses Only One Source Of Fuel Supply**

Anyone who has an empty building, small or large, should by all means investigate the possibilities of putting a profitable SOL-HOT Floor Brooder System in it. It is one really practical way of realizing a big return on an empty building. Poultry raisers who use the economical Sol-Hot System say they have never seen any Floor Colony Brooder that would compare with SOL-HOT Twin-Float for growing husky broilers quickly and without trouble.

They have been amazed at the way the chicks develop quickly into one and a half and two-pound broilers. They say that the Sol-Hot Twin-Float Brooder System will bring in a fine income and is efficient and economical.

The SOL-HOT Twin-Float Floor Colony Brooder System will last for years—just as long as the Twin-Float Brooder, and we have many Twin-Floats in use that are fourteen years old, and still show no signs of wearing out. It took us a great many years to develop this brooder. You get our years of intensive research at remarkably LOW PRICES FOR FLOOR COLONY BROODER SYSTEMS. IF YOU ARE BROODING 1,500 OR MORE CHICKS ON THE FLOOR, THEN YOU CANNOT AFFORD TO OVERLOOK THIS BROODER SYSTEM.

REMEMBER—ONE OIL CONTAINER DOES THE WORK FOR A CAPACITY OF 500 TO 15,000 CHICKS. It furnishes an even distribution of heat regardless of the length of building or the number of brooders operated and you still retain all of the advantages of the individual SOL-HOT TWIN-FLOAT BROODER.

Each separate hover can be regulated for temperature required for chicks under that hover. This means maximum economy in fuel consumption.

You may use just one brooder at a time or you can use all the brooders. You may brood day old, three-weeks old and six-weeks old chicks all in the same room but each age under a different brooder.

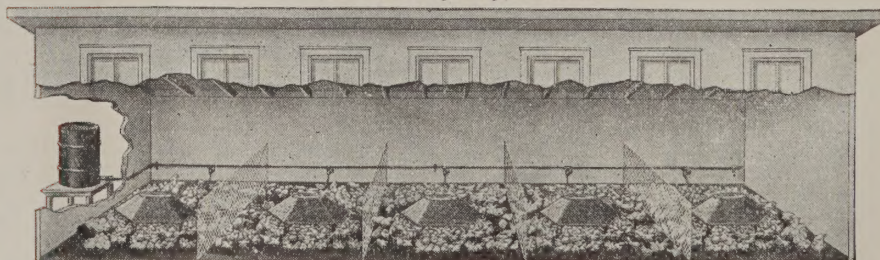
The Twin-Float Floor Colony Brooder System is adaptable for all buildings. We shall be very glad to submit our suggestions on the matter if you will advise us what you have in mind. Send dimensions of building and floor and we will draw up plans and send quotations on any capacity outfit you wish.

CHECK THESE PRICES AND SPECIFICATIONS

Below is given an idea of how the SOL-HOT Twin-Float Floor Colony Systems are installed in buildings with brooding space 15 feet deep, but of different lengths. This outfit can be adapted for almost any dimension and size building.

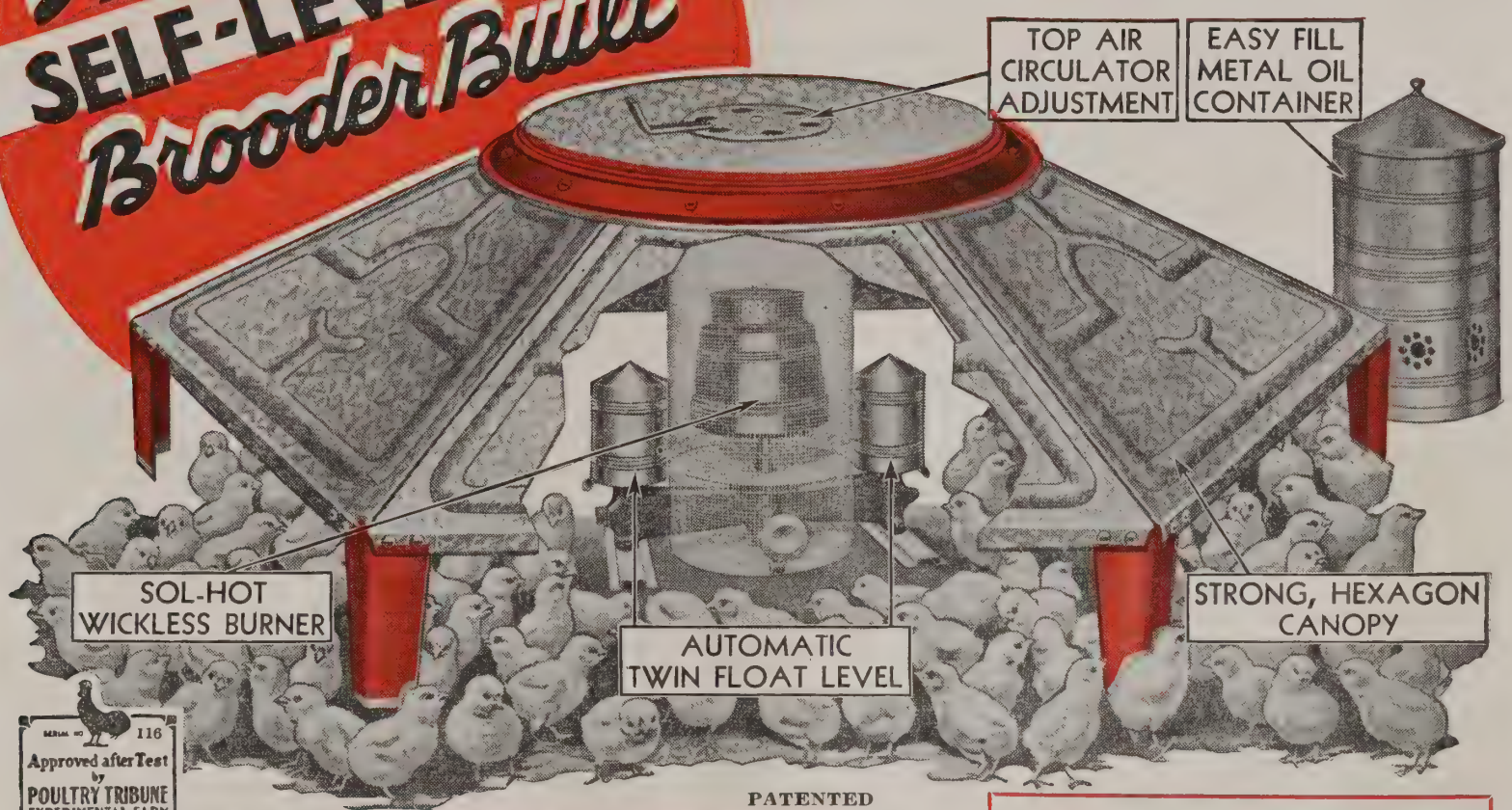
Size of Brooding Space	Act. Cap. 2 Lb. Broilers Amp. Space Allowed for Each Broiler	No. of Twin-Floats Recommended	Cost of Twin-Floats (Less Oil Containers)
20x15 ft.	200	2-44 in. size	\$ 32.00
40x15 ft.	400	4-44 in. size	64.00
60x15 ft.	600	6-44 in. size	96.00
80x15 ft.	800	8-44 in. size	128.00

F. O. B. Quincy, Illinois



**We Consider the Sol-Hot Twin-Float One of
the SAFEST Canopy Type Brooders Ever Devised**

The Only SELF-LEVELING Brooder Built



SOLD ON 30 DAYS TRIAL

Sol-Hot Twin-Float

The Sol-Hot Twin-Float solves the problem that manufacturers of oil burning brooders have been striving to solve for years—namely, always maintaining an even flame in the burner, regardless of uneven or shaky floor conditions. Various methods have been used and are still used, such as adjusting nuts under the burner, which must be raised and lowered every time you move the brooder to make sure that it is perfectly level. But a shaky floor often throws these adjustments off.

At best all these devices are very unsatisfactory to the operator—the bother of working with the burner to get it level—the impossibility to get it absolutely level on some floors, resulting in flaring up of the flame on one side, emitting smoke and fumes—having flame often go out entirely, thus endangering the chicks. The Sol-Hot Twin-Float ends these troubles for users once and for all. It is the greatest feature ever developed for oil burning brooders because it is the only device that assures an even flame regardless of floor tipping or shaking. This is a practical brooder that can be used almost anywhere as no chimney is needed to carry off smoke. The top ventilating features insure clean fresh air under canopy. You can smell the freshness.

- Only Twin-Float Has All 8 of These Features:**
1. Absolutely Automatic Operation. The flame once set is maintained Automatically.
 2. Wickless Burner, no wicks to trim or watch. Burns at such an intense heat that carbon is consumed.
 3. Even, Uniform Flame—Self Leveling Feature keeps oil always level at burner—no flaring up or uneven burner operation.
 4. The Intense Blue Flame is odorless. Our scientific research has eliminated the fumes due to combustion. Sol-Hot especially constructed screens give an Automatic mixture of air and fuel for brooding, and in addition assist in warming brooding house, or room. No fumes or smoke.
 5. Twin-Float overcomes sagging, slanting or shaking floors affecting the rate of oil flow on ordinary brooders.
 6. Ease of Installation. Heater is ready to put into operation when received. No couplings to attach. No leveling is necessary.
 7. Flexible Tubing and a Special Support makes it possible to set the Oil Container wherever desired on the floor.
 8. Only one adjustment to make—that of raising or lowering the flame by turning the control handle on the burner.

SPECIFICATIONS AND PRICES

Cat. No.	Description	Weight Lbs.	Price Complete with Canopy	Price Heater Without Canopy	Weight Lbs.
9TFC-24	—Twin-Float, 24 in. Canopy, 250 Day-old Chick Capacity.....	29	\$11.50	\$ 9.00	17
9TFC-34	—Twin-Float, 34 in. Canopy, 350 Day-old Chick Capacity.....	38	16.00	11.75	18
9TFC-44	—Twin-Float, 44 in. Canopy, 500 Day-old Chick Capacity.....	44	19.00	13.00	19
9TFC-54	—Twin-Float, 54 in. Canopy, 1000 Day-old Chick Capacity.....	51	21.00	14.00	20
9TFC-54G	—Twin-Float, 54 in. (Giant Heater) 1000 Day-old Chick Cap.....	55	23.00	16.00	24
9TFC-64	—Twin-Float, Giant, 64-in. Canopy, 1100 Day-old Chick Cap.....	63	25.00	16.00	24

POULTRY RAISERS PRAISE TWIN-FLOAT BROODER

SAVE WITH A

SOLE MARK

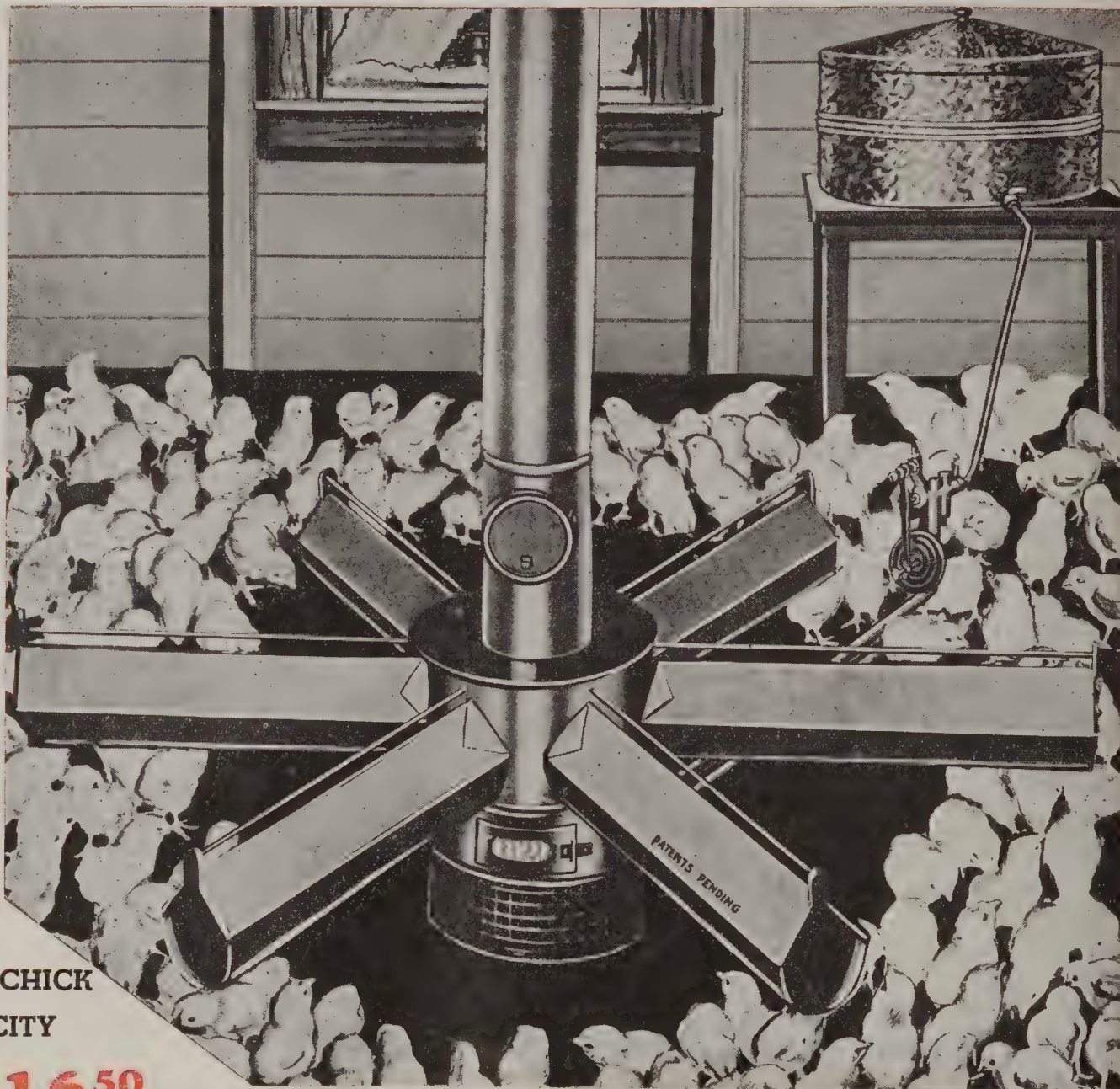
TRADE
REGISTERED
U.S. PATENT OFFICE
MARK

No back-breaking, stooping and lifting a heavy canopy to clean out. Just take ordinary scraper or stiff broom and the work is done in only a few moments.

Note the large fire-chamber door. Also complete accessibility to all floor space around the Raydiant.



All chicks visible at all times. No peering under canopy necessary.



**R-1—750 CHICK
CAPACITY**

Only \$16⁵⁰

**RAYDIANT
HUMIDIFIER**



**OPTIONAL
EQUIPMENT..... \$1.20**

**BURNS KEROSENE OR DISTILLATE
RAYDIANT HEAT MEANS HEALTHIER CHICKS**

With these Radial Heat radiators close to chicks, less heat will be lost and much dangerous crowding or bunching will be stopped due to the novel positions of these heaters. See how brooder spreads the chicks by first spreading the heat over a definitely larger floor area. The chicks instead of forming an unbroken ring around stove, form a six-pointed star and thus spread out over nearly twice as much floor surface. This we all know is an advantage to the chicks themselves. Results show that chicks under the Raydiant behave differently and are not so likely to move to one side of stove and bunch up. The Raydiant was especially designed to achieve these results.

SPECIFICATIONS AND RECOMMENDED HEATING CAPACITY

Catalog Number.....	R-1	R-2	R-3
Chick Capacity—Day-Old	150-750	750-1000	1000-1500
*Ample Heating Cap.—Brooding House	12x14 ft. or less	14x16 ft. or less	16x20 ft. or less
Spread of Raydiant.....	56 inches	66 inches	76 inches
Capacity Fuel Tank	8 Gallons	8 Gallons	8 Gallons
Flue Size	5 Inches	5 Inches	5 Inches
Length of Flue Pipe Necessary.....	10 Feet	10 Feet	10 Feet
Shipping Weight, Approximate.....	48 Lbs.	56 Lbs.	65 Lbs.
Price F. O. B. Quincy, Ill.	\$16.50	\$19.60	\$22.80

*This rating covers BELOW ZERO outside temperatures.

NOTE:—Raydiant Brooders equipped with natural or manufactured gas burner, with automatic temperature control, same price as above. Kerosene type will be shipped unless natural or manufactured gas burner type is specified.

Raydiant

MODERN MIRACLE OF THE BROODER INDUSTRY

WHY WE CALL THIS THE "RAYDIANT" BROODER

The fire chamber used is one of our standard enclosed type and the burner is the proven ROTO FLAME. Figure No. 1 at the right shows a cross section of the Raydiant. The drum of fire chamber is divided into lower and upper compartments by a sheet steel horizontal partition indicated by red letter A. The lower and upper passages by the horizontal partitions, indicated by red letters B, which extend outward almost to the end of the tubes.

This design forces the hot air generated by the burner to pass outward through the lower portion of the radiating tubes until it reaches the outer ends and then back through the upper part of the tubes to the upper compartment of the drum and then out the flue.

This entirely new design results in greatly improved heating efficiency.

WHY YOU SAVE FUEL COSTS

To test the efficiency of the Raydiant Brooder, simply place your hand over the top of the flue. You will not burn your hand. Why? Because the heat from the Raydiant does not escape—is not wasted by going up the flue—but utilized—every bit of it—in keeping your chicks comfortably warm. This is why the Raydiant saves fuel. This is why the chicks thrive in healthful, "Raydiant" warmth.

ONE OF THE LETTERS FROM A "RAYDIANT" OWNER

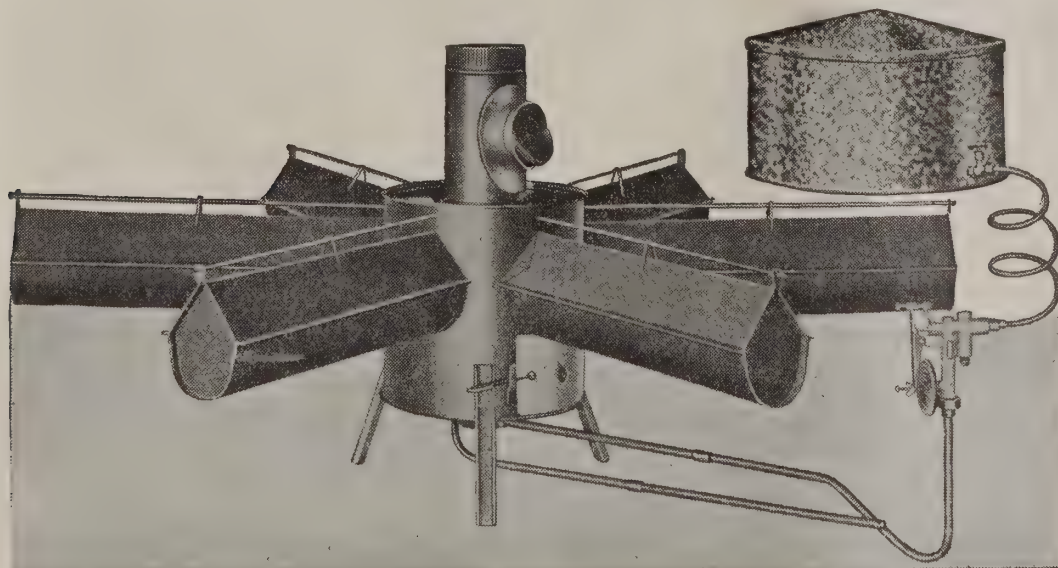
Huntington, Mass.

I put up my Raydiant Brooder the first of February. The 200 chicks are now three weeks old and a fine lot of birds. Two were killed by accident and we found one blind, but the other 197 are the happiest and healthiest chicks I have ever seen.

The lowest temperature ran from zero to 26 below zero, but I had no difficulty whatever in keeping the temperature, 3" from the floor, around 92 degrees. Now I have it around 76-78°. It is such a pleasure to go to bed at night, knowing my chicks will be comfortable, whatever the weather. We had some hard winds and I confess I was a bit worried, but the heater took care of that in a fine manner.

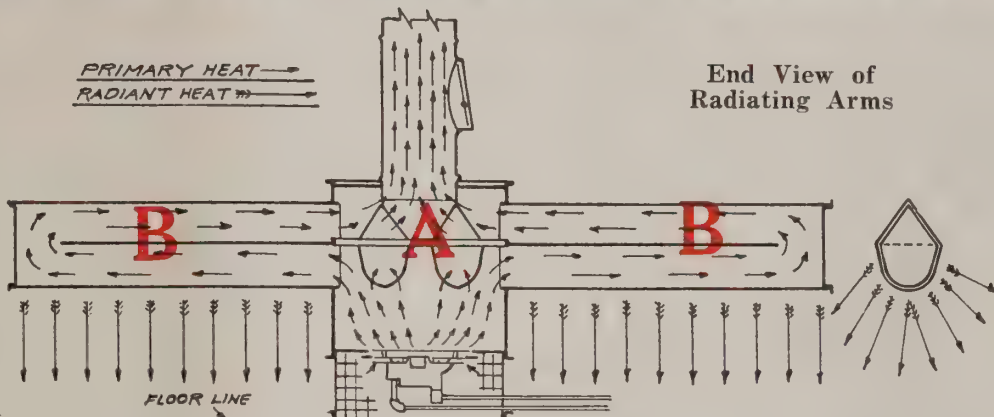
Several people have seen the outfit and called me on the 'phone after one cold spell to find out how "the new baby chicks stood it without a hover to hold in the heat." One woman came up to see for herself, but was pleasantly surprised to find the chicks so large, healthy and comfortable.

You probably got lots of reports like mine, but may be not from cold, hilly New England. I can heartily recommend your Raydiant to anyone. My husband thinks it's the only thing. During cold weather I burned about three gallons kerosene in twenty-four hours.

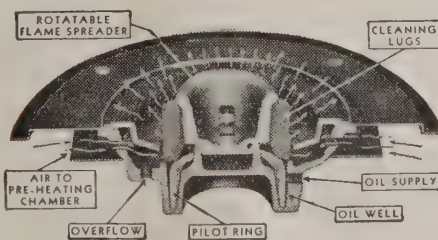


PRIMARY HEAT
RADIANT HEAT

End View of
Radiating Arms



ROTO-FLAME BURNER



12 Reasons Why You Will Like The Raydiant

- 1 Gives correct temperature with 25% less fuel. See Guarantee on Page 1 of catalog.
- 2 Most accessible brooder ever built. Eliminates stooping or kneeling to get under heavy canopy or lifting or awkward tilting of canopy to clean floor, feed or water chicks.
- 3 Cuts down labor costs. NO CANOPY TO ASSEMBLE.
- 4 Chicks are kept at uniform temperature which prevents crowding and smothering.
- 5 Absolute Automatic Temperature Control with time-tested SOL-HOT Drip Feed Regulators.
- 6 Doubles and with some brooders triples brooder space by giving larger heating area.
- 7 All chicks visible at all times. No peering under canopy necessary. All chicks may receive direct sunshine through windows. Eliminates chicks being confined under dark smelly canopy.
- 8 Pure fresh air is supplied to chicks. Any foul air is sucked into the burner, sent through the radiants and out the flue.
- 9 Flame is entirely enclosed but heating results greatly exceed canopy open flame type.
- 10 Clean burning. No soot, ashes or odor from burner.
- 11 Supplies healthful RAYDIANT warmth to chicks in most effective, scientific and natural way.
- 12 Wonderful brooder also for hen house heating. Really two brooders in one.

Red Hed



COAL BROODERS

The SOL-HOT policy has always been to build the best—we have never cheapened the construction of our products to meet competitive prices. When you compare the RED-HED with other brooders of other make, be sure and compare the weights on the various sizes.

Designed Particularly For Zero Weather

If you happen to live in the northern part of the United States above the Mason-Dixon Line, where zero weather is a common occurrence, then you should by all means seriously consider the purchase of a RED-HED Coal Burning Brooder. The RED-HED is one of the best coal brooders on the market. Its large fire chamber confined within an extra heavy exterior, will give ample heat to brood your chicks in far below zero weather. It's a heavy duty brooder for extreme winter weather.

You should raise more chicks with the RED-HED than with any ordinary brooder and especially in below zero weather. It has the safety heating margin that gives full percentage of chicks brooded—regardless of weather.

It is an honest-to-goodness really fine Coal Brooder.

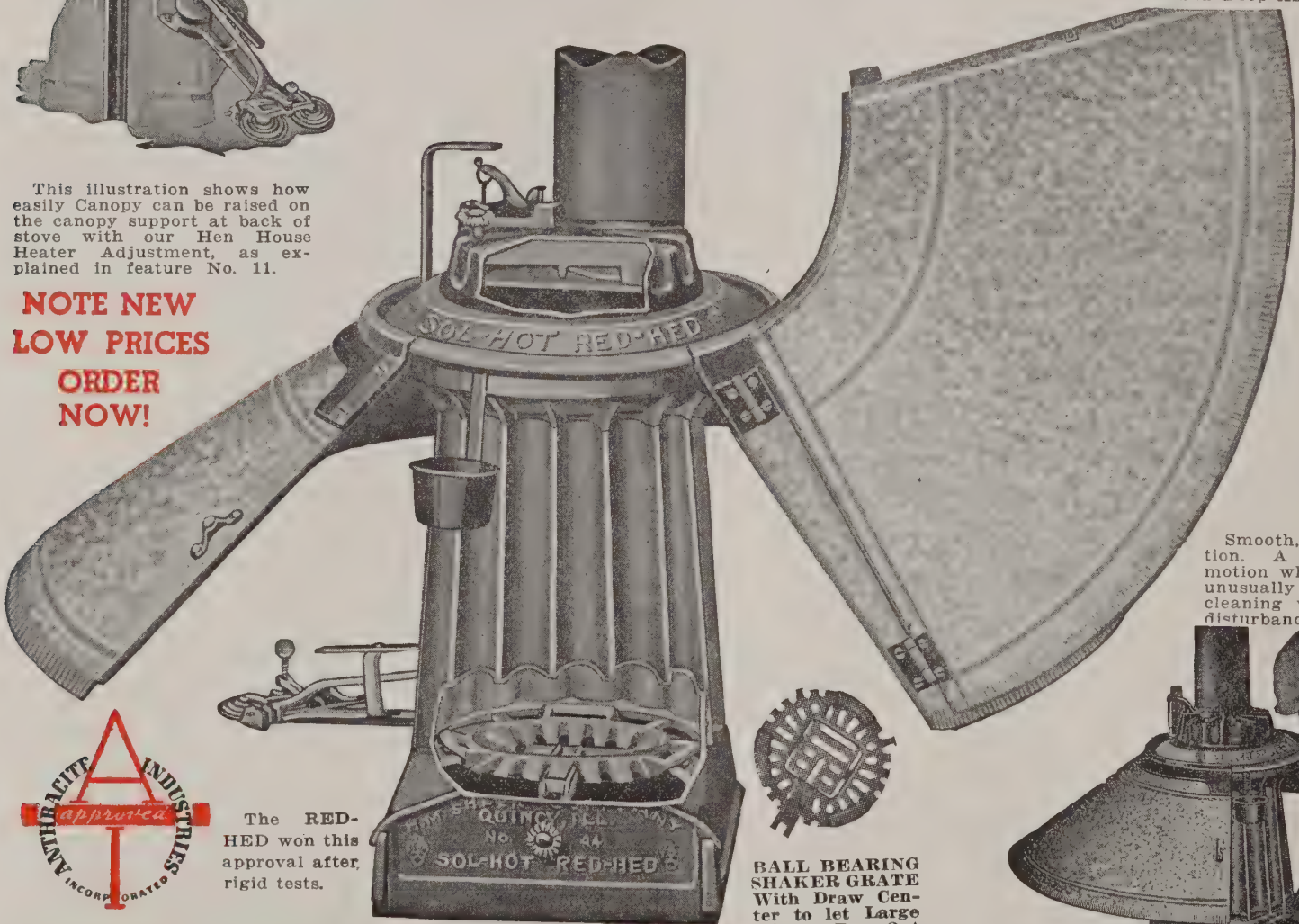


This illustration shows stove with front cut away to show Corrugated Non-Clogging Fire-Pot—Combustion Head for Hard or Soft Coal and Ball-Bearing Shaker Grates and Deep Ash Pan.



This illustration shows how easily Canopy can be raised on the canopy support at back of stove with our Hen House Heater Adjustment, as explained in feature No. 11.

**NOTE NEW
LOW PRICES
ORDER
NOW!**



The RED-HED won this approval after rigid tests.



**BALL BEARING
SHAKER GRATE
With Draw Cen-
ter to let Large
Clinkers Drop Out**

Smooth, effortless action. A gentle sifting motion which allows an unusually complete fire cleaning without undue disturbance.



Very Accessible

This Brooder has a big, full section Hinged Door in the Canopy. This feature makes the "RED-HED" very accessible for coaling, cleaning grate, removing ashes or tending chicks. No cross braces to interfere, as explained in feature No. 1.

Specifications and Prices

Cat. No.	Chick Capacity	Size In.	Cap. Lbs.	Wgt. Lbs.	Price
RH-48	500	48	35	145	\$21.00
RH-58	1000	58	56	170	24.75
RH-68	1500	68	77	190	28.50

Guarantee

The manufacturers of SOL-HOT Brooders Guarantee that all Brooders and Poultry Supplies listed in this catalog are as represented and to do what we claim, or we will make good by replacement or refunding purchase price. Our only stipulation is that such application for adjustment be filed within 30 days after you receive your shipment.

HINGED DOOR CANOPY.

- 1 Makes chicks and stove controls easy and convenient to check.

HEAT RADIATING FINS.

- 2 The vertical Radiating Fins on the outside of the "RED-HED" Fire Pot give almost double the amount of heat radiating surface you get in the average Brooder stove.

NON-CLOGGING FIRE-POT.

- 3 The Vertical Grooves and tapered design on the inside of the Fire-Pot give to the "RED-HED" a NON-CLOGGING Fire Pot.

BALL-BEARING SHAKER GRATES.

- 4 The grates on the "RED-HED" are Shaker Grates (not Rocker Grates). They sift down the ashes without disturbing the fire.

CANOPY INSTANTLY REMOVABLE.

- 5 The "RED-HED" Canopy can be instantly removed without taking down the stove pipe.

COLD AIR CHECK-DAMPER.

- 6 Most Brooder stoves have their check-damper located under the canopy, and depend on the warm air from under the canopy to check the fire. The "RED-HED" doesn't do it that way. We use cool air and get quick results. The check damper is on top of the stove outside the canopy.

FOOL-PROOF HUMIDIFYING PAN.

- 7 The Humidifying Pan on the "RED-HED" is fool-proof. It is placed in proper position where chicks can't reach it.

FIVE-INCH STOVE PIPE.

- 8 Note the Five-inch Stove Pipe Opening on the "RED-HED." This Five-inch Stove Pipe opening is so arranged in the head of the stove that any soot accumulations in the pipe drop directly into the Self-cleaning Hard and Soft Coal Adjustment.

SELF-CLEANING ADJUSTMENTS.

- 9 The Combustion Head has been designed to handle many kinds of fuel—is adaptable to all conditions, and is efficient in operation. It has a Self-Cleaning Adjustment for hard or soft coal.

CANOPY CAN BE RAISED.

- 10 No ropes, pulleys or stove pipe attachments needed to raise the canopy on the "RED-HED." Canopy can be instantly raised or lowered on our patented canopy support located at the back of the stove.

HEN HOUSE HEATER ADJUSTMENT.

- 11 By elevating the canopy a little above the stove you establish an air gap which converts the unit into a circulating heater.

ROTATING CANOPY.

- 12 The canopy rotates around the stove at any height.

OVER-SIZE FUEL DOOR.

- 13 The "RED-HED" has an over-size fuel door, built large so as to easily accommodate the snout of an ordinary coal scuttle.

IMPROVED DRAFT INTAKE.

- 14 You can see for yourself how much better this Draft Intake is, located far above the floor level away from the litter and chicks.

DOUBLE SAFETY WAFER YOKE.

- 15 Here's another trouble-proof feature found only on the "RED-HED"—a Double Wafer Control for safety sake.

SAFETY EXPANSION DEVICE.

- 16 One of the most serious mishaps that can befall a stove brooder is the breaking or damaging of a wafer from restricted over-expansion.

If the Wafers are restricted in their over-expansion after the draft is closed they will burst. In the "RED-HED" this over-expansion is permitted by having the plunger bolt moved downward through the hole in the middle of the disc. ABSOLUTELY FOOL-PROOF.

TROUBLE-PROOF WAFERS.

- 17 And last, but not least, the wafers on the new "RED-HED" can be removed and replaced instantly without changing any connections or adjustments. Think what a saving in time and trouble that means.

17 Jumps ahead of 'em ALL



THE RED-HED WINS

The Red-Hed Wins the Approval of Thousands of Owners

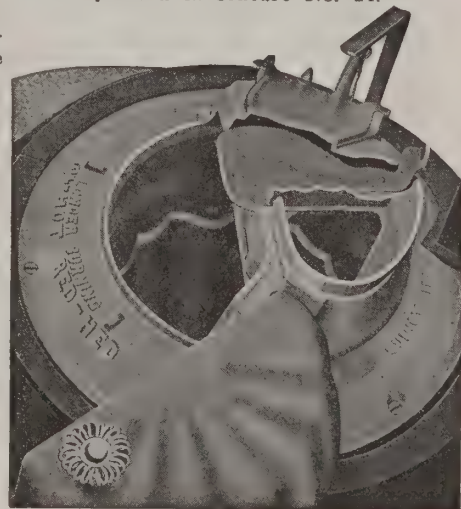
The RED-HED is one of the finest coal heating brooders on the market. It was designed to withstand the severest possible tests and the coldest weather. It was introduced on the market years ago and there are many thousands in use today on poultry farms all over the world.

There is no other coal brooder on the market at any price that offers ALL of these labor-saving and money-making features for the poultry man or woman.

In the illustration at right the air leaves the brooder through the indirect outlet, when burning hard coal; the direct outlet when burning soft coal. The Baffle Wall performs two functions. First, it necessitates the cool damper air coming in contact with the top of the fire-pot before it finds its way up the chimney through either the hard coal or soft coal outlets. Its second function is to act as a scraping edge on the pivoting damper. As the damper passes horizontally underneath it, this partition scrapes off any accumulation which has occurred on the damper when in a closed position. This whole adjustment is controlled by the small outside handle.



This illustration below shows our improved Draft Intake and our new patented Safety, Automatic Thermostatic Control. Note how the Draft Intake is located high above the floor away from the litter, chaff, or chicks, as explained in feature No. 14.





TORPEDO

Coal Brooder

TRUSTWORTHY—

DEPENDABLE—

STEADY HEAT—

One of the best constructed and durably built low-priced coal brooders ever devised. Like all Sol-Hot Brooders, the Torpedo can be depended upon for long, hard service. In performance it compares favorably with very high priced brooders.

Deep Heat Radiation corrugations on fire pot means quick, even distribution of heat. Adjustable, revolving canopy, easily raised, lowered or turned for convenience in fueling. Full section bridge door makes chicks entirely accessible.

Self-cleaning instant adjustment for burning hard or soft coal or coke makes this brooder good for any part of the country.

Ball-bearing Shaker Grates—improved draft intake—cold air check damper and many other features make the SOL-HOT TORPEDO one of the most satisfactory coal burning brooders money can buy.

BURNS HARD COAL—

SOFT COAL — COKE

SPECIFICATIONS

Canopy	Coal Cap.	Grate	Day-old Chick Cap.	Ship. Weight	Price
46 in.	35 lbs.	10 in.	350	110	\$20.00
56 in.	54 lbs.	11½ in.	500	130	22.00
66 in.	60 lbs.	11½ in.	1100	150	24.00



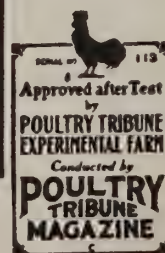
Convenient



Accessible



After brooding season, adjust one nut and the Torpedo makes an excellent auxiliary circulator heater for battery brooder room, laying house, work room, garage, etc.





Wood Brooder

**BIG 24-INCH DRUM
HAS LARGE WOOD
CAPACITY**

No. RW-56

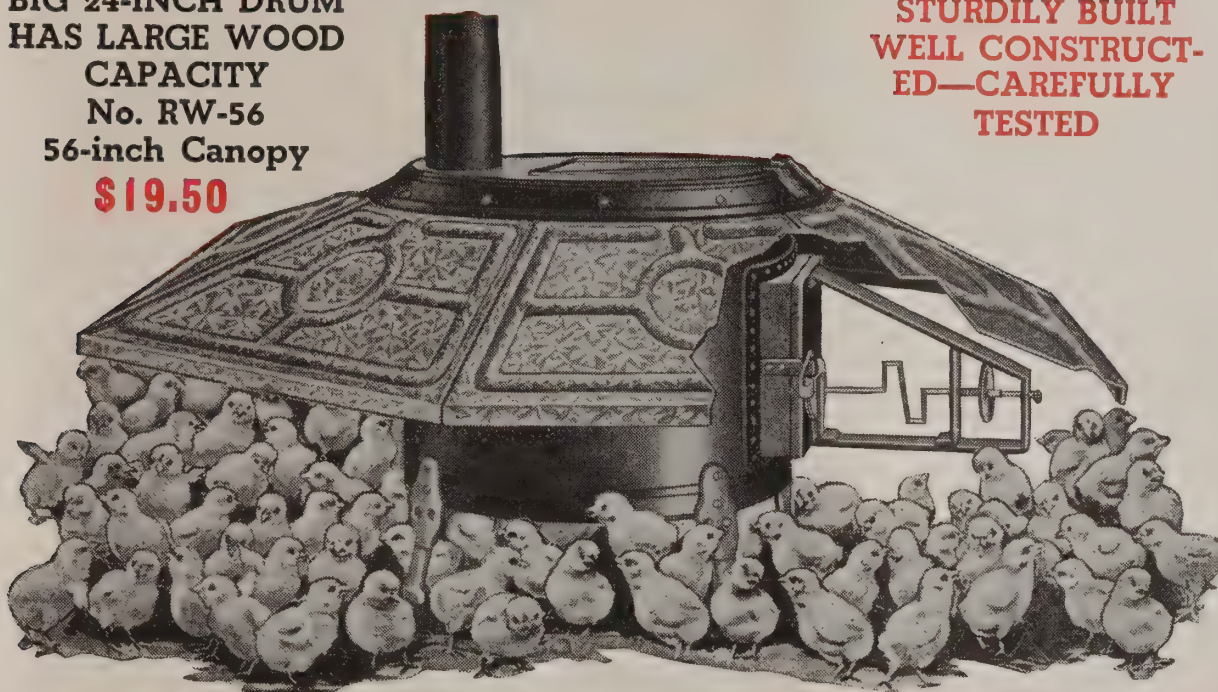
56-inch Canopy

\$19.50

**STURDILY BUILT
WELL CONSTRUCT-
ED—CAREFULLY
TESTED**

**BURNS GREEN OR
DRY WOOD**

**CHOP DOWN
YOUR OLD TREES
BUILD UP YOUR
PROFITS**



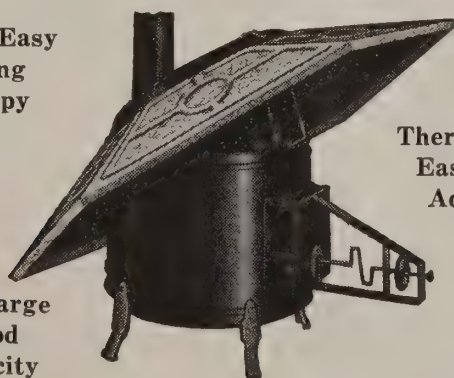
HOLDS FIRE AS LONG AS COAL

On many farms, there is an abundance of wood available as fuel and you need not hesitate or fear to rely upon it as a source of steady heat for brooding if you use a Wood-Master. Wood has a great deal more heat in it than most people realize. This was never really understood until thermostatic control was utilized to more efficiently exact the available heat and to prevent excessive heat loss.

A sturdy, reliable Brooder designed and built on time-tested principles of combustion peculiar to wood. These have been coupled with scientific application of thermostatic draft control. It was in the latter problem that Sol-Hot Engineers succeeded so well, and we now offer this stove with utmost confidence that you, too, will approve of this excellent Brooder once you have given it a fair trial.

**Note—Easy
Tilting
Canopy**

**Has Large
Wood
Capacity**



**Thermostat
Easy To
Adjust**

CONVENIENT TO WORK WITH

The easy tilting canopy gives complete access to the stove and chicks underneath. Stove is easily refueled through large, smoke-tight side fuel door.

SPECIFICATIONS

Actual Cubic Capacity for Wood.....	7200 Cubic inches.
Height of Stove Drum.....	20 in.
Diameter of Stove Drum.....	24 in.
Height over-all.....	26½ in.
Size of Stove Pipe.....	5 in.
Size of Fuel Door Opening.....	10x12 in.
Thickness of Drum Steel.....	24 Ga.
Thickness of Bottom Steel.....	20 Ga.

CONSIDER THESE POINTS

1. Large Capacity fuel chamber holds fire more than 12 hours in severe weather.
2. Sol-Hot's patented single acting thermostatic control holds heat at a steady brooding temperature so that chicks thrive and grow. No clappers or wires to go wrong. Quick acting and sensitive. Conveniently located on door where you can always see what you are doing.
3. Saves time, work and worry. Burns slowly and steadily. Practically no ashes to bother about.
4. No fumes or gases to injure the chicks. The stove is easily fueled from the large side door.
5. Burns green or dry wood. No danger of fire going out in the Wood-Master so long as there is any wood in the stove. Dependable and safe.
6. Economy of operation is startling. Reduces cost of brooding as much as 90%. ½-cord of wood will brood 1000 chicks to a safe age in cold weather.
7. Stove built of heavy gauge steel with seams spun gas tight. Made to last for many seasons. Large side door has cast-iron frame and latches securely.
8. Large, quiet, and easy tilting canopy gives access to stove and chicks. Convenient, automatic prop holds canopy when raised.
9. Fresh air is insured under canopy by draft suction to fire.
10. Four sturdy cast iron legs support brooder above floor and all of floor is available for brooding.
11. Burns green or dry wood chunks with very little creosote.
12. Burns wood cleanly and ashes do not pile up. Ashes need only be removed every two weeks.

BIG CAPACITY—LOW PRICE

- No. 9-RW-56—Round Wood-Master Brooder—**
Actual chick capacity 500 with 56 in. Hex. Canopy—
Shipping weight 56 lbs. Price.....**\$19.50**
- No. 9-RW-65—Round Wood-Master Brooder—**
Actual chick capacity 650 with 65 in. Hex. Canopy—
Shipping Weight 59 lbs. Price.....**21.00**
- No. 9-RW—Less Canopy—Shipping Weight 38 lbs.**
Price**17.50**

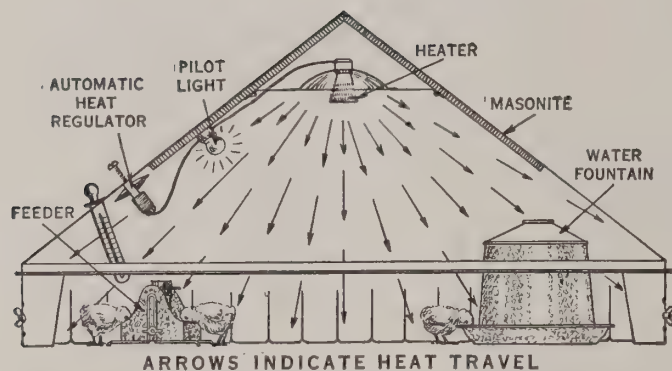
Shipped K. D., F. O. B., Quincy, Ill.

The
New



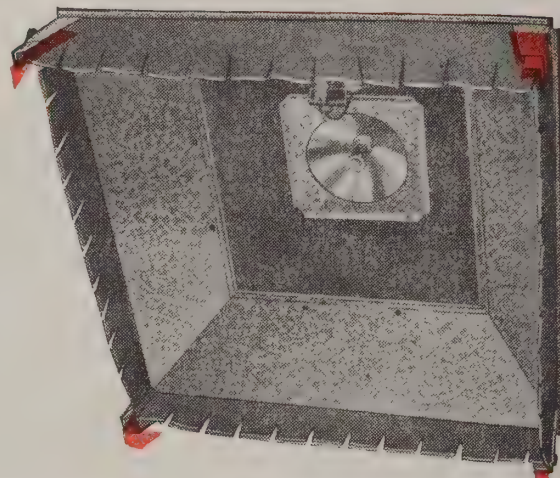
Juneday

Improved Electric Brooder



Note—Feeders and Fountains Under Hover Where It Is Warm

This rugged brooder applies heat to the backs of chicks like rays from the sun. It heats quickly and holds the temperature under canopy to less than one degree variation. The JUNE-DAY deflects the heat down to the floor over chicks where it belongs, instead of the usual "Banking down" by first accumulating at the gable as in many types of electric brooders. This new JUNE-DAY principle results in economy of operation and perfect brooding conditions, enabling you to raise more and better chicks at a lower cost. The JUNE-DAY can be operated in room temperatures above freezing.



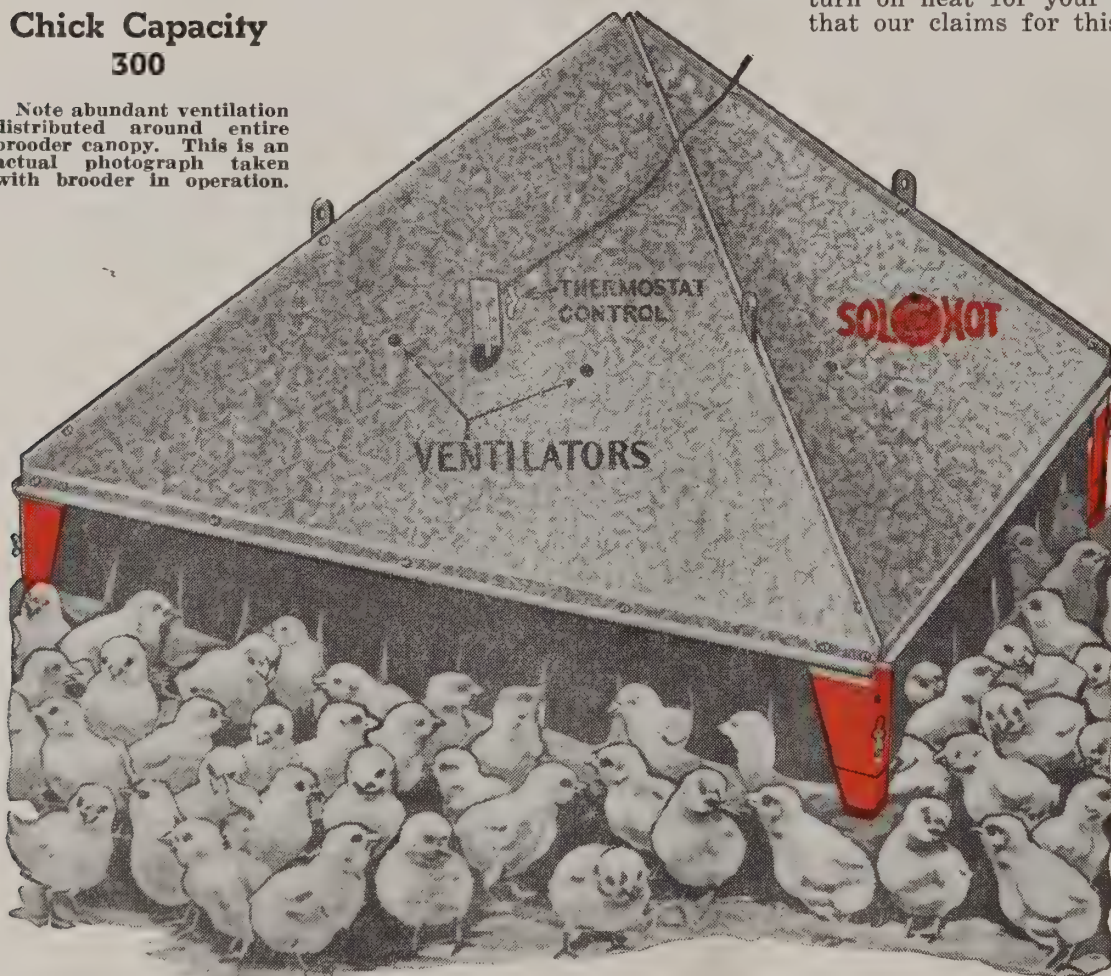
This view shows brooder in tilted position exposing the interior. Note simplicity of design. Nothing to go wrong or cause trouble.

THE SOL-HOT DIRECTIONAL HEATER

The Sol-Hot Directional Heater, used in this brooder, is made to last for years. Porcelain Cone of heater is wired with heavy gauge Nichrome resistance wire. A valuable merit of Sol-Hot JUNE-DAY Heater is that it helps prevent chicks from piling up in center of brooder. Pilot Light, which attracts chicks to brooder, snaps on and off with heater and facilitates adjusting temperature control. The thermometer, visible from outside, indicates exact temperature under canopy. Four sturdy, adjustable legs, of correct height for brooding chicks or poults, support brooder. The curtain of Rubberized canvas will last for years. Canopy top is insulated with high-grade ½-inch thick insulation, all edges bound by metal strips. Complete instructions accompany brooder.

Chick Capacity 300

Note abundant ventilation distributed around entire brooder canopy. This is an actual photograph taken with brooder in operation.



QUICK, LOW-COST HEAT

Brooder is complete with a sensitive Sol-Hot Automatic Switch, enclosed in dust-proof Bakelite box, which will never cause radio interference. Current consumption runs from 2 to 6 K.W. per day, depending upon room temperature. Brooder can be set at a tilted angle to act as a roost warmer when teaching chicks to roost. The extra steep (40-degree pitch) heavy galvanized steel canopy is roost-proof.

Brooder is attractively painted with red legs and aluminumized interior. Note illustrations upper left, which convey the manner in which brooder throws down a diffusion of soft, mellow heat. A pleasant surprise awaits you when you turn on heat for your first brood—you will frankly admit that our claims for this brooder are modest.

Prices and Specifications

No. 9-4646 — JUNE-DAY Brooder. Size 46"x46". 26" high over-all. Covers 2126 sq. in. brooding area under canopy.

Heater 400 watts, 110 V. A.C.

Capacity—300 chicks.

Comes complete with thermometer and 8-ft. cord.

Shipping weight 40 lbs.

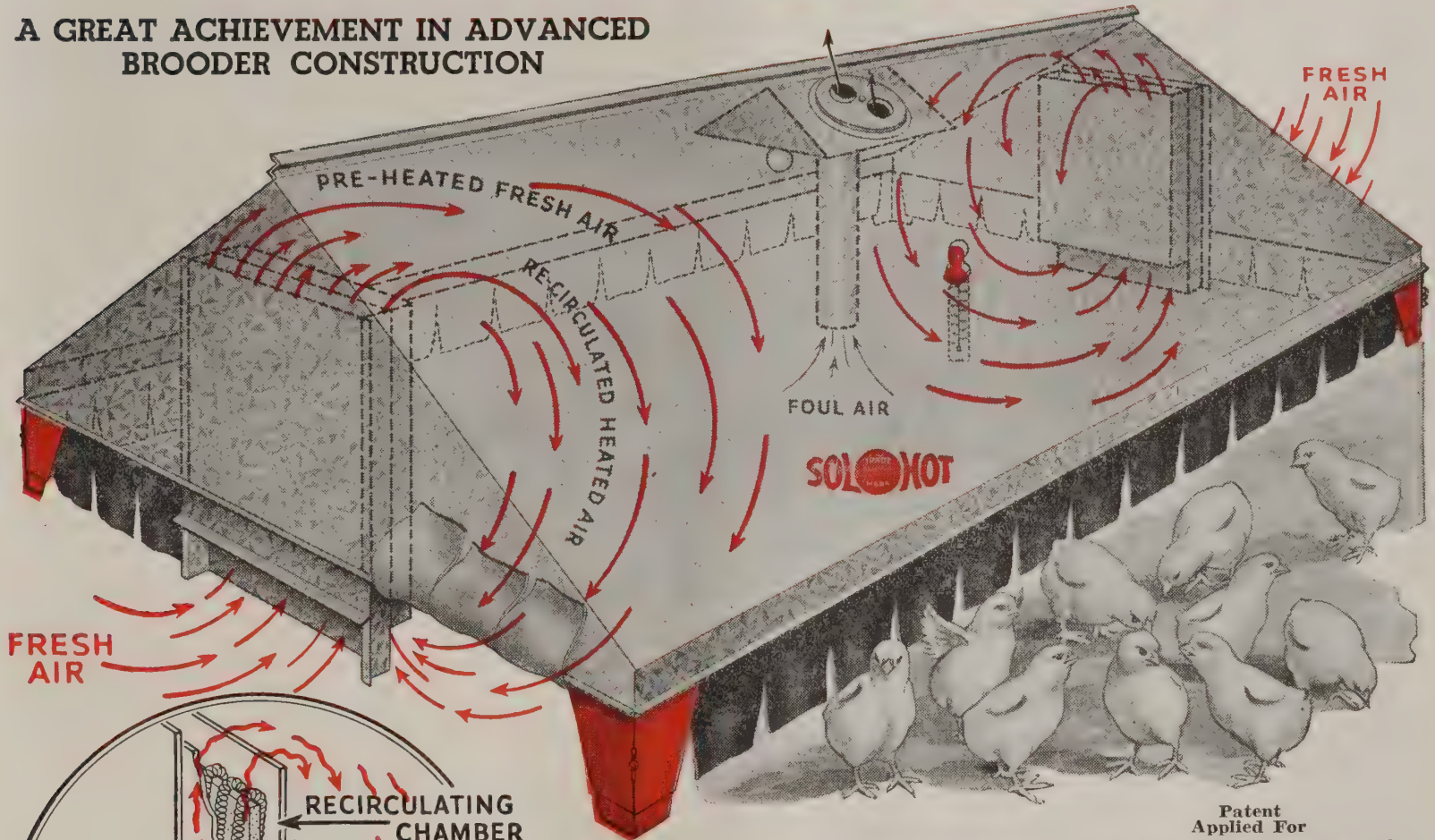
Price F. O. B. Quincy, Ill.—

ONLY\$15.90

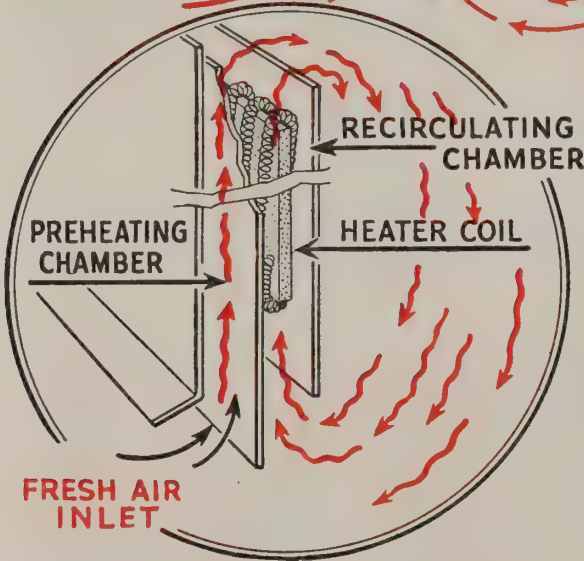
Order Today

The Air-Flo Electric Brooder

A GREAT ACHIEVEMENT IN ADVANCED BROODER CONSTRUCTION



Patent Applied For
View of Sol-Hot "Air-Flo" Brooder. Note air-inlet and Pre-heater at each end. Fresh air enters heaters close to floor.



HOW "AIR-FLO" BROODS SCIENTIFICALLY

Above illustrations show how heated air travels upward through "Air-Flo" Heaters as indicated by red arrows, and how warm, fresh air is constantly forced downward upon backs of chicks, even when they are resting at edge of curtains. Heavy metal bound $\frac{1}{2}$ -in. thick, famous Nu-Wood Insulation (not shown in top view) covers entire interior of galvanized ridged steel canopy to conserve heat.

Note steepness of gable and Anti-roost Tumbler-bar which prevent roosting. Inside height allows use of feeders and fountains under canopy. High gable allows ample air volume, permitting air to move and "Flo," a condition conducive to health and stamina among chicks. There is an absence of air stagnation and sweating often found in brooders with low canopies. Arrows shown at left, where the curtain is raised, illustrate the manner in which exhaust air leaves brooder. As fresh air is drawn in through Fresh-Air Inlet and through Heater an equal amount of air is forced down and out at lower edge of curtain. This is why cold air cannot enter through curtain or strike chicks.

"AIR-FLO" BROODING PRINCIPLES

The Sol-Hot "Air-Flo" Brooder incorporates four essentials of brooding. 1st—fresh preheated air, 2nd—forced ventilation, 3rd—forced recirculation of air, 4th—cold air is prevented from striking chicks at curtain. Fresh air is brought in through Fresh Air Inlets, by heater suction—preheated—and mixed with recirculated air inside. No stagnant "banked" heat.

WHY "AIR-FLO" BROODS CHICKS ECONOMICALLY

Because all fresh air is drawn through heaters, then forced down over chicks, finally escaping below curtain and through foul air ventilation tube, chicks are not in path of incoming cold air. Sensitive automatic switch controls heat. Two powerful "Air-Flo" heaters, one at each end of brooder assure uniform heat and air distribution. The "Air-Flo" operates on a very small quantity of current. Pilot light and heaters snap on and off simultaneously. Both are controlled by automatic switch to facilitate adjusting temperature. Thermostat adjustment screw easily reached from outside canopy. Red attraction light burns constantly under canopy. Adjustable legs provide means of raising canopy as chicks grow. "Air-Flo" heating elements of heavy gauge Nichrome resistance wire and will last indefinitely. Heavy rubberized curtains. Current consumption for the No. 4160 runs about 3 to 7 K. W. per 24 hours depending upon room temperature. At 3c per K. W. would average about 14c per day. This brooder sold under the Sol-Hot famous Guarantee, see page 72.

Specifications and Prices

No. 9-4160—"Air-Flo" Electric Brooder, Size 41x60 in. Start to finish capacity 350 chicks. Complete with two 300 watt "Air-Flo" Heaters; 115 volt a. c.; 2 red Pilot Lights; high grade Brooder Thermometer; 8-ft. cord and socket connection. Shipping weight 82 lbs. Price\$26.10

No. 9-4872—"Air-Flo" Electric Brooder, Size 48x72 in. Start to finish capacity 500 chicks. Complete with two 400 watt "Air-Flo" Heaters; 115 volt a. c.; 2 red Pilot Lights; high grade Brooder Thermometer; 8-ft. cord and socket connections. Shipping weight 107 lbs. Price\$33.50

Shipped K. D., easily assembled. Instructions included. F.O.B. Quincy, Ill.

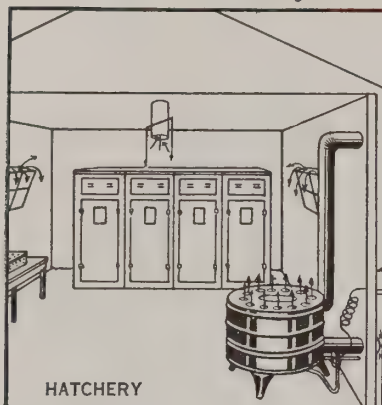
LET THE NEW "AIR-FLO" ELECTRIC HOVER BROOD YOUR CHICKS



SPACE HEATER

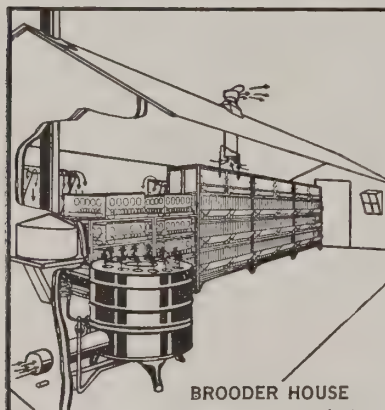
For Barns, Greenhouses,
Hog Houses,
Brooder Houses,
School Rooms
For Broiler Plant Buildings,
Garages, Workshops,
Hatcheries, Offices,
Homes, Stores, Small
Theatres.

For the Hatchery



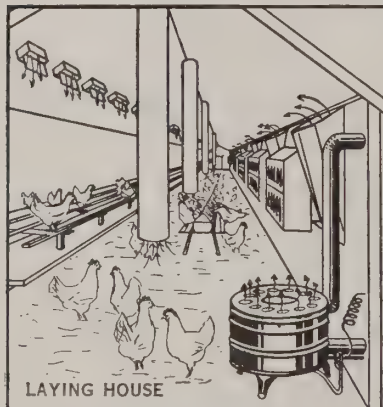
HATCHERY

For Your Brooder House



BROODER HOUSE

For Your Laying House



LAYING HOUSE

For Your Office



OFFICE

THE HEATER WHICH PROVIDES "FRESH-AIR" HEAT

WHAT IS "FRESH-AIR HEAT?"

"Fresh Air Heat" is heat produced by a fusion of fresh outside air with properly radiated heat. "Fresh Air Heat" is health-giving heat.

NATURE PROVIDES CLEAN, FRESH AIR—SOL-HOT PROVIDES CLEAN FRESH AIR—PROPERLY HEATED

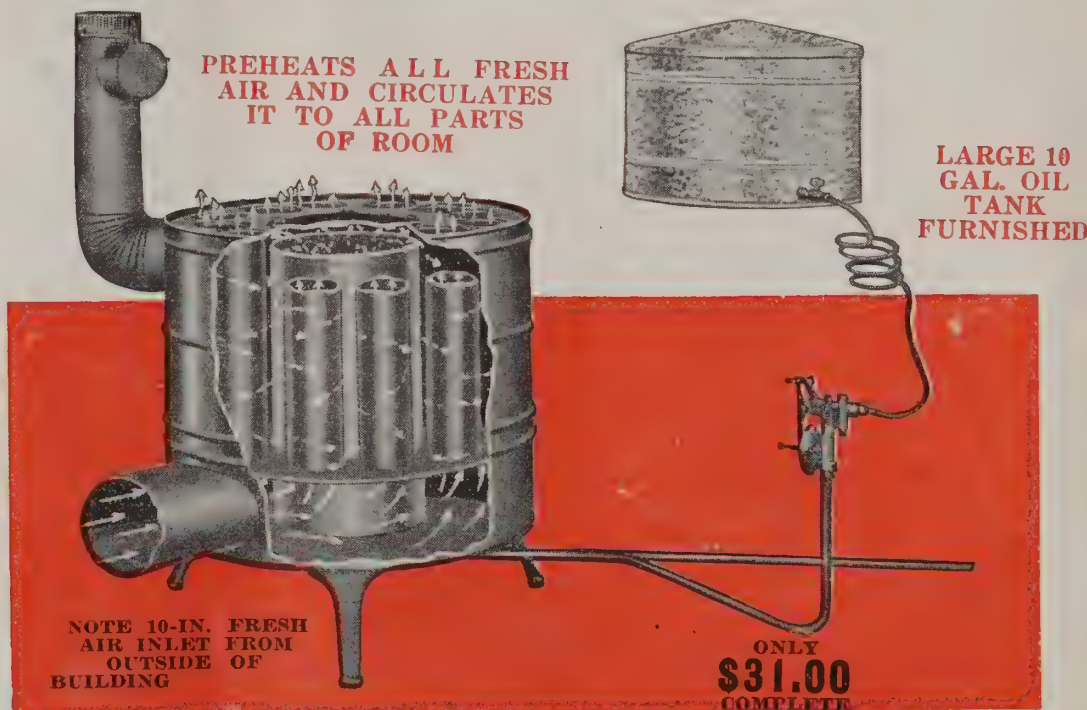
The pure, fresh air from the outside is drawn into the Sol-Hot Heater by means of the fresh air chamber located beneath the radiator. This outside air is forced up through the ten large radiating tubes and circulated through the room. The result is a constant supply of fresh, wholesome air, circulated throughout the room.

A PERFECT HEATER—SIMPLE IN OPERATION

The H. M. Sheer Company has long been famous for its heaters. Highly efficient heaters have always been the boast of this organization, but the Sol-Hot Space Heater is unquestionably one of the finest heaters ever bearing the Sol-Hot Trade Mark. The principle is simple. The results secured are outstandingly successful. There are no extra radiating drums—no fans.

A THRIFTY HEATER—OFFERS SAVING ON FUEL

The Sol-Hot Heater burns either kerosene or distillate. The supply of fresh, warm air is constant and yet the amount of fuel required for its operation is surprisingly low. It is economical because by its design, it utilizes every particle of fuel it consumes. The heat does not go up the flue, but is circulated within the space it heats. It utilizes ALL the Fuel It Burns.



BURNS KEROSENE OR DISTILLATE

SPECIFICATIONS

DRUM—Heavy blue steel, 22 inches deep, 24 inches in diameter.
AIR CHAMBER—Heavy blue steel, 24 inches in diameter, 6 inches deep. Revolves to fit any position.
RADIATING CIRCULATING TUBES—Heavy heat resisting steel, 14 inches long, 3 1/4 inches in diameter.
DRUM RADIATING SURFACE—1,400 square inches.
HEATING CAPACITY—5,000 cubic feet.
TUBE RADIATING SURFACE—1,420 square inches.
OIL CONTAINER—Heavy galvanized iron, 10 gallon capacity, equipped with Brass Filter.
BURNER—New large cast iron burner.
OIL AND FLAME CONTROL—New Sight Feed Oil Flow, Thermostat

controlled Regulator maintains even temperature. The "WATCH DOG" of the Heater.
AUTOMATIC DRAFT EQUALIZER—Acts as a check to counterbalance overdraft.
Heavy cast iron legs 7 inches high. Uses six-inch smoke pipe and ten-inch air intake pipe. Flexible copper oil line. Burns either kerosene or 38-40 distillate oil. Oil consumption is 1/2 to 5 gallons in 24 hours. Large fire chamber door directly over the burner is easy to clean.
Complete in every detail as illustrated. No pipe furnished. Approximate weight—packed for shipment, 110 pounds. Shipped knocked down. Easy to assemble.
TD-300—Price, F.O.B. Quincy, Illinois **\$31.00**

Sol-Hot Triple Duty Heat Circulator

It Heats, Circulates and Humidifies the Air

Heating Capacity
4000 cu. ft.
under severe
conditions.

Here is the ideal equipment for heating Brooder Rooms and Laying Houses; for use in Hatcheries, Battery Brooder and Hen Battery Plants; Garages, Work Shops . . . in fact, wherever a uniform temperature is necessary. It is especially recommended as a room heater for use with Sol-Hot 100-a-week Broiler Plant. The Triple Duty Heat Circulator combines the basic principles of Hot Air Circulation, and by the use of the powerful, high grade, 12-in. Electric Fan, it greatly accelerates the rate of heat radiation—increasing the efficiency of the heating unit 25% to 35%. It has a heating capacity of 4000 cu. ft. in severe weather. The heavy duty Motor has phosphorus bronze bearings and is guaranteed to operate continuously for one year on one oiling. It uses little electricity—costs only 5 to 10c per day to operate.

How It Works: The powerful 12-inch Electric Fan draws the cold air off the floor, forces it against the Heater and over the moisture pan—and then out into the room through the openings in the top. It thus establishes a continuously uninterrupted travel of humidified air to all parts of the room and back again along the floor, causing an equalization of temperatures and humidity in the room. Other types of Heat Circulators, now being offered, take air in at the top, force it down against the rising heat, and in this way most of the force of the Fan is offset and lost. Heat is automatically controlled.

For maximum heat-circulating efficiency, it is recommended that a Sol-Hot Fresh Air Intake (page 28) be installed in the building near the Circulator to induct fresh air into the room from the outside.

Complete with Oil Heater—As Shown

No. 9-6181—Triple-Duty Heat Circulator, complete as shown at left with a 24 in. Drum Oil Burning Twin-Blast Heater, 8 gal. oil tank and collapsible heavy wire stand; also Moisture Pan, a 12-inch Fan, 75 watt, 60 cycle Electric Motor, 8 ft. cord and plug for 110 volt A. C. shipped K. D. Easily assembled. Weight 150 lbs.

Price **\$55.00**

F. O. B. Quincy, Ill.

Circulator Only—Without Oil Heater

No. 9-6130—Triple-Duty Heat Circulator only. Fitted with Moisture Pan; 12-inch Fan, 75 watt 60 cycle Electric Motor, 8 ft. cord and plug for 110 volt alternating current. (Twin-Blast Oil Heater, oil tank and stand not included.) Shipped K. D. Easily and quickly assembled. Weight 100 lbs.

Price **\$38.50**

F. O. B. Quincy, Ill.

HEAVY DUTY CONSTRUCTION—This Triple-Duty Heat Circulator is substantially built of 26 gauge Galvanized Steel, with frame of heavy angle iron. Over-all dimensions: Height 61 in. Width 31 in. Depth 30 in. Legs are 12 in. high. Large hinged door gives free access to the stove. Top is removable. Five-inch opening for stove pipe. As a Heating Unit any type Drum Brooder may be used.

Sol-Hot Inflo Ventilating and Heating System

SOMETHING NEW - - SOMETHING DIFFERENT

The Sol-Hot Inflo Ventilating and Heating System provides a constant flow of fresh, pre-heated, warm air even in the coldest weather. It is scientifically designed to decrease excessive humidity in laying houses and should maintain a temperature of about 45 degrees during severely cold weather.

EQUIPPED WITH TIME-TESTED

SOL-HOT TWIN FLOAT BLUE FLAME HEATER

The Sol-Hot Inflo Ventilator and Heater is equipped with the famous Sol-Hot Twin-Float Burner. This is the burner which has been in use over a long period of time in connection with the Sol-Hot Famous Twin-Float Brooder. It is a very economical burner and burns kerosene as fuel. This heater is known the world over for its efficiency and simplicity of operation and gives a clean, odorless flame at low operating expense.

The healthfully warmed air provided by the Sol-Hot Inflo System, is taken in from the outside and then preheated and circulated throughout the room.

The average oil consumption of the S-436 Inflo Ventilator and Heater is 21 hours per gallon.

The average oil consumption of the S-444 Inflo Ventilator and Heater is 14 hours per gallon.

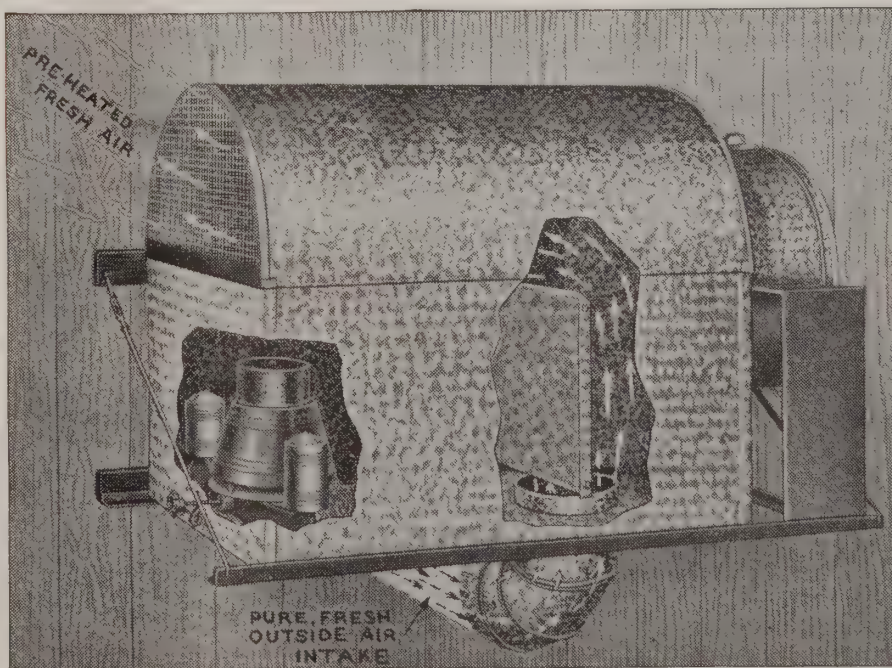
Specifications and Prices

No. S-436—36" long, 18" wide, 23" high.
Shipping weight packed, 50 lbs. **\$37.50**

No. S-444—44" long, 24" wide, 31" high.
Shipping weight packed, 70 lbs. **\$54.00**

F. O. B. Quincy, Illinois

For Broiler Plant Buildings, Brooder Houses, Hatcheries, Hog Houses, Filling Stations, Tourist Cabins, Garages, Greenhouses, Offices—a Versatile Heater



Fresh Clean Air is Important



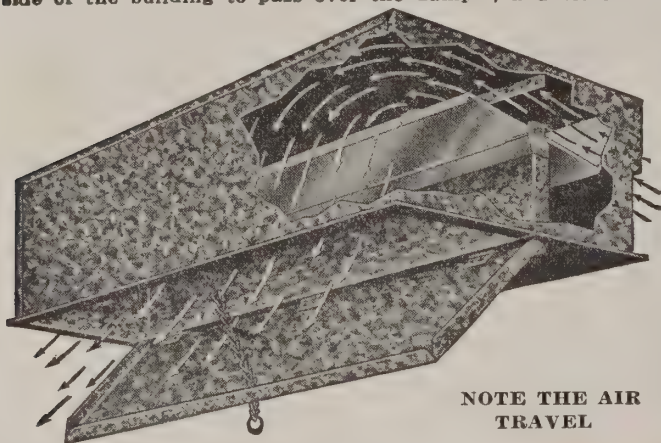
VENTILATING SYSTEM Advanced~Efficient~Low in Price

Use One 12-Inch Suction Cupola, One 12-Inch Foul Air Flue and Three Fresh Air Intakes Per 100 Hen Capacity

Sol-Hot Fresh Air Intake Regulator~ Popular For Laying Houses

EASY TO
INSTALL

The Fresh Air Intake Regulator is an automatic by-pass damper which operates with the slightest movement of air. It admits fresh air from the outside of the building to pass over the damper, and closes instantly if the warm air near the ceiling starts to back draft, caused by a sudden change in the wind, or the opening of a door.



NOTE THE AIR
TRAVEL

Can be installed in any poultry house. Well constructed of heavy galvanized steel and aluminum; made to fit between rafters spaced 24 inches on centers. It may be installed in side wall under roosts or directly below front or back eave. We recommend that you install three to each 100-hen capacity.

No. 1—Fresh Air Intake.
Weight each 10 lbs. Packed two, weight 19 lbs. Length 22", Height 11½", Depth 8".
Price Each..... **\$5.00**

F. O. B. Quincy, Ill.



Illustration above shows Air Intake installed between rafters with the sheathing above and ceiling below forming a fresh air flue to the outside of the building. Intake may also be installed in side wall under roosts or directly below front or back eave.



Suction Cupola

Provided with large strong vanes that respond to the slightest breeze. The revolving head is perfectly counterbalanced.

Substantially constructed of heavy rust-resisting Armco Ingot Iron and finished with the best silver aluminum paint. The base is large and strong; can be fitted to any style roof. Fitted with bird proof screen.

For Laying Houses, use one 12-in. Suction Cupola, one 12-in. Foul Air Flue and three Fresh Air Intakes for every 100 hens, or one 18-in. Cupola, one 18-in. Foul Air Flue and six Fresh Air Intakes for each 200-hen capacity.

Specifications

No.	Diameter of Flue	Size of Base	Height	Weight	Price Each
9-12K	12-inch	16x16-in.	34-in.	24 lbs.	\$ 8.00
9-18K	18-inch	28x28-in.	43-in.	65 lbs.	20.00



Stationary Cupola

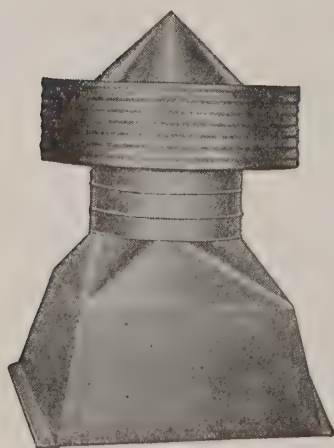
For Barns, Hatcheries, Hog Houses—any building where a large volume of air is to be handled.

Carefully built of heavy rust-resisting Armco Ingot Iron, finished with aluminum paint. Similar to the revolving head Suction Cupola above on page. Fits in with the same Sol-Hot System and exhausts the foul, excessive moisture-laden air from the building. Shipped knocked down. Easy to assemble and install. Specifications: No. 112K 34 in. high; 20x20 in. at base. No. 118K is 48 in. high; 28x28 in. at base.

LOW PRICES

No.	Dia. of Flue	Weight	Price
9-112K	12-inch	30 lbs.	\$ 6.75
9-118K	18-inch	65 lbs.	13.50

F. O. B. Quincy, Ill.



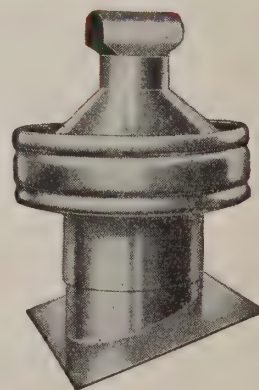
Combination Roof Saddle and Ventilator

Here is an excellent Ventilator and Adjustable Roof Saddle combined into one unit at the usual cost of the ventilator only. The poultryman has only one hole to cut in the roof, only one installation to make, and efficient brooder house ventilation is assured. The adjustable base fits roofs from flat to 20 degree pitch. Throat diameter 8 in. Allows plenty of space around the pipe for ventilation. The saddle takes 4 or 5-in. stovepipe without cutting or fitting. Comes complete with removable rain-proof flue cap.

No. 9-208K — Combination Roof Saddle and Ventilator. Wt., each, 9 lbs. Price, each **\$2.60**

Packed 2 in carton, wt. 14 lbs.

F. O. B. Quincy, Ill.



Install the SOLOHOT

Foul Air Ventilating Flue

Made with a two-foot section at top end that fastens into the cupola, and a six-foot section which extends down into the building and is hinged near the ceiling so that it can be fastened open for summer weather. Furnished with a damper so that it can be partly or entirely closed in cold weather. Strongly constructed of heavy galvanized steel.

The purpose of the Flue is to take up the foul, wet air from near the floor and carry it to the Cupola which exhausts it from the building.

Made to fit Sol-Hot Suction Cupolas and we recommend one 12-inch flue and cupola to each 100-hen capacity. One 18-inch flue and cupola to each 200-hen capacity. Prices do not include cupola.

Specifications

No.	Dia. of Flue	Length	Weight	Flue Only
9-12B	12 in.	8 ft.	53 lbs.	\$ 7.45
9-18B	18 in.	8 ft.	70 lbs.	11.35
Extra for additional length of 12 in. flue, per foot.....				1.00
Extra for additional length of 18 in. flue, per foot.....				1.50

F. O. B. Quincy, Ill.



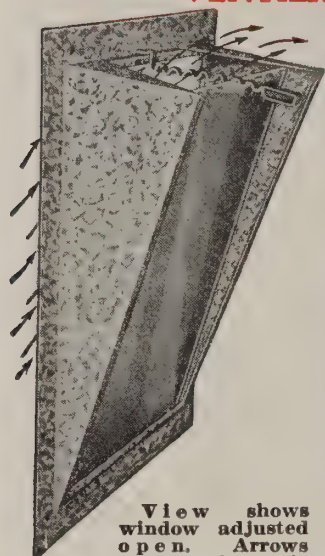
PUT OLD SOL TO WORK FOR YOU

These Sol-Hot Items Will Bring Health
to Your Flocks—Profits to You

PROVIDE PLENTY OF WINDOWS IN YOUR BUILDINGS

The more sunlight you can get into your buildings, the greater the assurance of health and comfort for your stock. Sunlight is a recognized germ destroyer and promotes dryness, warmth and sanitation. That is why poultrymen find it more profitable to use Sol-Hot Ribbed Glass Roof and Wall Windows . . . they admit 30% more sunlight than plain glass and spread it over a large area. This means sunlight with less window surface and, consequently, less heat loss.

SOL-HOT ADJUSTABLE "ALL-PURPOSE" VENTILATING WINDOW



View shows window adjusted open. Arrows mark the air travel.

For Broiler Plants, Laying and Brooder Houses, Barns, Etc.

Sturdily built of heavy galvanized steel—not flimsy, ordinary sheet metal. Tilts for safe ventilation. Air currents go upward. Latch permits glass to be tilted in 8 different positions, allowing for proper ventilation at all times. The 20x28-inch light of $\frac{1}{8}$ -inch ribbed glass spreads 30% more sunlight over broad floor space. Glass securely held at each position—cannot rattle or blow shut. Absolutely leak-proof.

Shipped knocked down—easily and quickly assembled and installed. Flanges at side and top of wings fit into grooves provided on frame, holding wings tightly in place. No side drafts. Over-all size of frame 25 $\frac{1}{2}$ x33 $\frac{1}{2}$ in. Depth of wing inside 9 $\frac{1}{4}$ in. Glass slides in from the top and can be removed any time if a 12-in. clearance is allowed above the top of wings. The assembled window is inserted through hole cut in building 20% in. wide by 28% in. high.

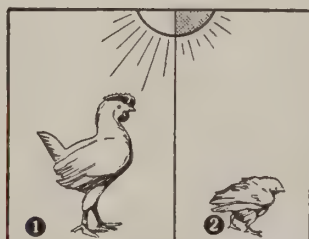
Easily Installed—At Low Cost

No. 9-2028 Ventilating Window with frame, wings and ribbed glass.			
Packed 1, weight	30 lbs., price each	.....	\$3.85
Packed 3, weight	65 lbs., price each	.....	3.40
Packed 6, weight	114 lbs., price each	.....	3.20

F. O. B. Quincy, Ill.

LUSTRAGLASS the ultra violet ray window glass

Experiments
With Poultry



PROVE ITS EFFECTIVENESS

Lustraglass is a clear, white window glass, which transmits the ultra-violet rays of sunlight—rays which scientists say help to prevent rickets in chicks as well as increase fertility and egg production in grown fowl . . . In an experiment conducted at a large agricultural college, chicks raised under Lustraglass showed a weight increase of 9.5 ounces as against 5.2 ounces for chicks raised under ordinary window glass during the same six-week period. Lustraglass has definite advantages when used in poultry houses, homes, office buildings, hotbeds, etc., and it has no disadvantages. Write for our free Lustraglass booklet.

Lustraglass takes low third-class freight rate.

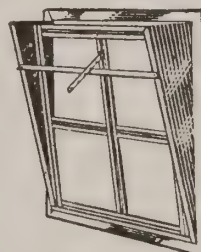
Helps Keep Chicks Healthy

Order Lustraglass by Catalog No. 9-345					
Size of Light	Wt. per Carton of 6 Lights	Number Packed in Case	Weight per Case	Price per Carton of 6 Lights	Price per Case
8x10 in.	6 lbs.	90 lights	72 lbs.	\$0.55	\$6.30
10x12 in.	8 lbs.	60 lights	72 lbs.	.75	6.15

F. O. B. Quincy, Ill.

ADJUSTABLE "NO-DRAFT" SOL-HOT STEEL WINDOW FRAME

Provide NO-DRAFT Ventilation and plenty of sunlight in your Poultry and Hog Houses, Barns, etc., this economical way. Use the adjustable No-Draft Steel Window Frame. Entire Frame built of lasting Galvanized Steel . . . aluminum paint finish. Absolutely leak-proof. Easy to install. Simply cut hole to proper size, insert frame and nail to wall.



The sash is hinged to frame at bottom, and can be adjusted "open" to 5 different positions, to provide proper ventilation, without drafts. Glass panes are securely held in place by angle strips which bolt to sash. No need to set the glass in putty . . . six bolts do the job. Prices do not include glass. For best results, use Lustraglass (the Ultra-Violet Ray Window Glass) listed below.

Catalog Number	For 4	Opening	Weight	I Only	3 for	6 for
	Lights Required Each					
9-2420—Frame only	8x10"	20x24"	12 lbs.	\$2.75	\$8.10	\$16.15
9-2428—Frame only	10x12"	24x28"	14 lbs.	3.35	9.90	19.75

F. O. B. Quincy, Ill.

SOL-HOT SINGLE LIGHT ROOF OR WALL WINDOW

For use in side walls or roof. Heavy ribbed glass admits at least 30% more light than plain glass. Size of light 20x28 in. Frame completely assembled—ready to install.

No. 9-8K—Window complete with 20x28 in. glass.			
1 in crate, wt. 35 lbs., each	.....		\$3.45
3 in crate, wt. 72 lbs., each	.....		3.00
6 in crate, wt. 120 lbs., each	.....		2.80

No. 9-80K—Frame only, without ribbed glass.			
1 in crate, wt. 12 lbs., each	.....		\$1.85
3 in crate, wt. 23 lbs., each	.....		1.60
6 in crate, wt. 35 lbs., each	.....		1.50

All F. O. B. Quincy, Ill.

SOL-HOT RITE-WAY ADJUSTABLE VENTILATOR

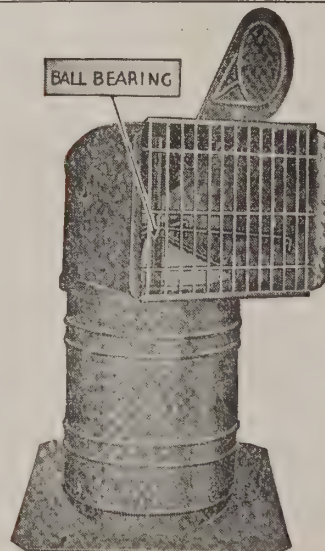
BALL BEARING REVOLVING HEAD

One of the best constructed and most practical Ventilators on the market. Constructed of Galvanized Steel for long, efficient service. The counter-balanced head revolves on ball bearing axle. Never freezes. Will not fail to work in the coldest weather. The weather vane makes it respond to the slightest change in direction of wind. Fitted with bird-proof screen. Adjustable to fit any pitch of roof, up to 25 degrees.

FOR SLOPING OR FLAT ROOFS

No. 9-12V—Rite-Way Ventilator.			
Height over-all 34 in. Flue diameter 12 in. Packed one in Carton, weight 22 lbs. Price each	.....		\$6.30

F. O. B. Quincy, Ill.



FREE ENGINEERING SERVICE

If there is any question in your mind about the equipment you should use to properly ventilate your buildings, send us a sketch of house, giving full dimensions, and let our Ventilating Engineers give you a complete recommendation of the System to best serve your needs. This service is FREE and puts you under no obligation to buy.

Producing Eggs and Poultry at a Profit

You are asking your hens to make money for you, but are you co-operating by providing the necessary requisites for efficient egg building? Remember, it's the little things that count. Perhaps the low investment cost in feeders, founts, or ventilating equipment for the laying house will bring you increased returns in egg profits.

FIVE POINTS NECESSARY FOR PROFITABLE EGG PRODUCTION

Clean Water of Proper Temperature

It seems like a simple thing to suggest water for the hens, does it not? Yet authorities tell us that clean, fresh water is frequently denied the layers. Since eggs are nearly three-fourths water, it is only reasonable that water is essential to egg building. If your hens are to produce eggs which are 67% water, you are making an expensive mistake if you are denying them clean water in abundance. Keep the water heated to proper temperature during the winter months by using Sol-Hot Fountain Heaters. Sol-Hot Waterers are designed for sanitation. Don't make it hard for your hens to find a simple thing like water!

Clean, Wholesome Food

The hen instinctively knows what she needs to produce an egg. She will sometimes peck at rocks if she is denied calcium carbonate in her diet, for she knows that she needs this ingredient for shell building. The hen needs water, meat food, greens, cereal food, grit, shell and charcoal. Supply about nine pounds of grain to one and one-half to two gallons of milk or one pound of meat scrap. Your commercial feed dealer will help you select a good feeding ration, if you do not like to mix your own feeds. Make it easy for the hen to find the proper egg-making ingredients! Place her feed in Sol-Hot properly designed, modern, sanitary feeding troughs. See that she has no mouldy grain, no smutty grain. Good feeding troughs are a good investment.

Control of Poultry Disease

Keep the vitality of your flock high—strengthen the birds against disease. Adult mortality is a limiting factor in poultry profits. Protect your flock against disease by building their health with feed and water from sanitary feeders and founts. Sol-Hot Feeders and Founts are made of metal, with the exception of the wood perches and there is a slight opportunity for disease germs to be harbored as they were in old style wood feeders—the opportunity for mouldy feed to accumulate is lessened and there is less opportunity for lice and mites in all metal nests. Sol-Hot Laying Batteries provide absolute sanitation. Sol-Hot Feeders and Founts keep the food and water supply up off the floor reducing the possibility of contamination. Use these Sol-Hot disease preventive measures.

Customers Demand Clean, Fresh Eggs

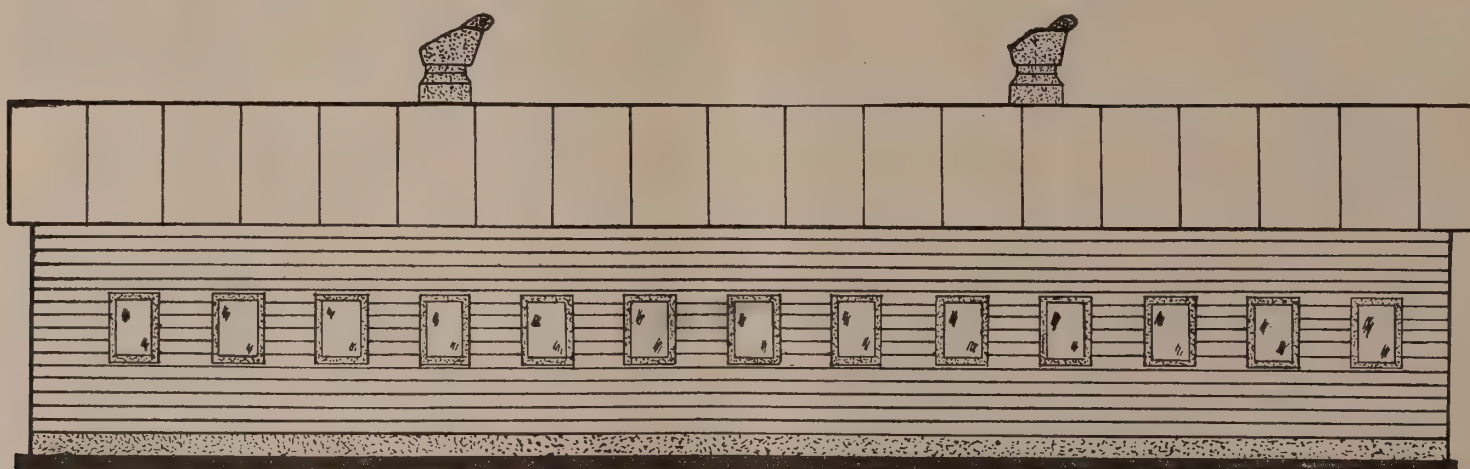
It has been estimated that producers in one state alone are losing \$2,000,000 annually because of the neglect of attention to minor details in producing and marketing eggs. It costs no more to be efficient than inefficient and if Feeders, Founts, Nests, Egg Cooling Baskets, Heaters or other inexpensive items will help you—you cannot afford to be without them. Sol-Hot Feeders and Founts are designed to give you maximum egg production with a minimum effort at a minimum cost. Send your order to the H. M. Sheer Company today and take the first step toward making your egg business thoroughly modern and efficient.

COMFORTABLE, WELL VENTILATED LAYING QUARTERS

The laying house need not be expensive, but it should be located where it is dry, convenient, and where the land is well drained. Select a site which is high and dry. Some producers face their houses to the South and protect them by trees to the North. Install Sol-Hot Ventilating Equipment.

This 30x92 ft. house will accommodate ten Sol-Hot 108-hen size Laying Batteries, giving a total capacity of 1080 hens. The floor plan shows the small amount of floor space needed for Sol-Hot Hen Batteries. The saving effected in floor space alone, over the old method, amounts to quite an item.

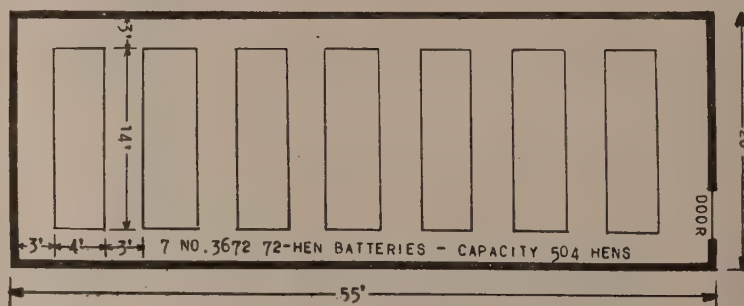
During the winter months, it is necessary to use a heating system in the Hen Battery Room to keep the temperature above freezing . . . 40 to 50 degrees is satisfactory. TD-300 Space Heater is recommended. See page 20 for complete description.



FRONT ELEVATION

Total Hen Capacity Using Sol-Hot Hen Laying Batteries	Size of Building Required	Proper Ventilating System To Use		
		No. 12K Cupolas	No. 12B Flues	No. 2028 Windows
72 Hens	10x20 ft.	1	1	6
288 Hens	20x35 ft.	1	1	8
504 Hens	20x55 ft.	2	2	14
1080 Hens	30x92 ft.	5	5	24

Sol-Hot Hen Laying Batteries will operate successfully in almost any well-constructed building. If you now have a building available, send us a pencil sketch of it, giving all dimensions, and we will gladly recommend the proper ventilating system to use and advise you of any necessary alterations that need to be made.



FLOOR PLAN AND FOUNDATION SIZE

SOL-HOT Feeders

For Baby Chicks, Started Chicks, Broilers, Ducklings, Turkey Poults, Pullets, Hens, Ducks, Turkeys

Adjustable Metal Reel Chick and Broiler Feeder

Perch-Proof Revolving Metal Reel. Is Adjustable for Chick or Broiler Feeding. Sanitary. No-Waste Design Feed Trough.



FOR BABY CHICKS AND STARTED CHICKS

A wonderful, all-purpose Feeder that provides sanitary feeding conditions for chicks of all ages—from day-old to broiler size. The adjustable wire legs provide simple adjustment of the height of trough to take care of growing chicks. The legs may be adjusted so that

This new Feeder combines all of the essentials of efficient chick and broiler feeder design in one unit. It is positively one of the best values ever offered in a popular-priced feed trough. It is just as practical for the growing flock and broilers, as it is for baby chicks. The trough is easily and quickly raised to any desired height by a simple adjustment of the wire legs. The special design of the feed trough prevents chicks billing out the feed, and thus eliminates feed waste.

the feed trough sets practically flat on the floor for small chicks—or raised any height up to 3 inches from floor for growing birds. Any adjustment can be made over a 2½-inch range by the use of wing nuts at ends of feeder, and the trough stays set when adjusted.

HIGH IN VALUE—LOW IN PRICE

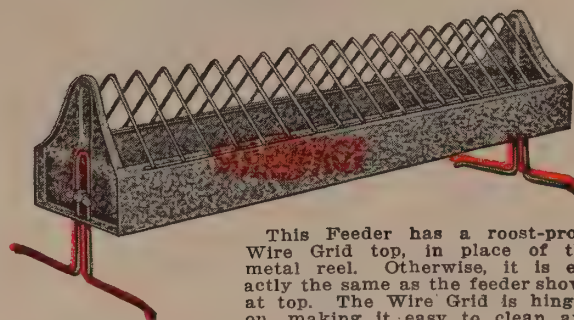
The trough is constructed of heavy galvanized steel, with spot welded ends. Very sturdy and substantial. The smooth, double fold edges are turned in at just the right angle to prevent fowls billing out and wasting the feed. The adjustable, revolving metal reel makes this feeder absolutely perch-proof and keeps the chicks out of trough. It has 4 blades, with edges turned smooth, and offers four different adjustments to provide the right size feed opening along the trough edge to accommodate chicks of any age. The reel is quickly removed for cleaning and filling the trough, and may be left off entirely for pullet feeding, if desired.

Dimensions of Trough: Width 4½ in. Depth 2½ in. Made in three lengths. Over-all height, with legs and reel fully adjusted, 7¾ inches. Reel and legs painted red.

METAL REEL FEEDER

No.	Length	Wt. Each	12 in Carton	Price Each
9-24B	24 in.	3 lbs.	29 lbs.	\$0.65
9-36B	36 in.	5 lbs.	42 lbs.	.85
9-48B	48 in.	6 lbs.	58 lbs.	1.00

Mailable. F. O. B. Quincy, Ill.



This Feeder has a roost-proof Wire Grid top, in place of the metal reel. Otherwise, it is exactly the same as the feeder shown at top. The Wire Grid is hinged on, making it easy to clean and fill trough.

FEEDER WITH WIRE GRID

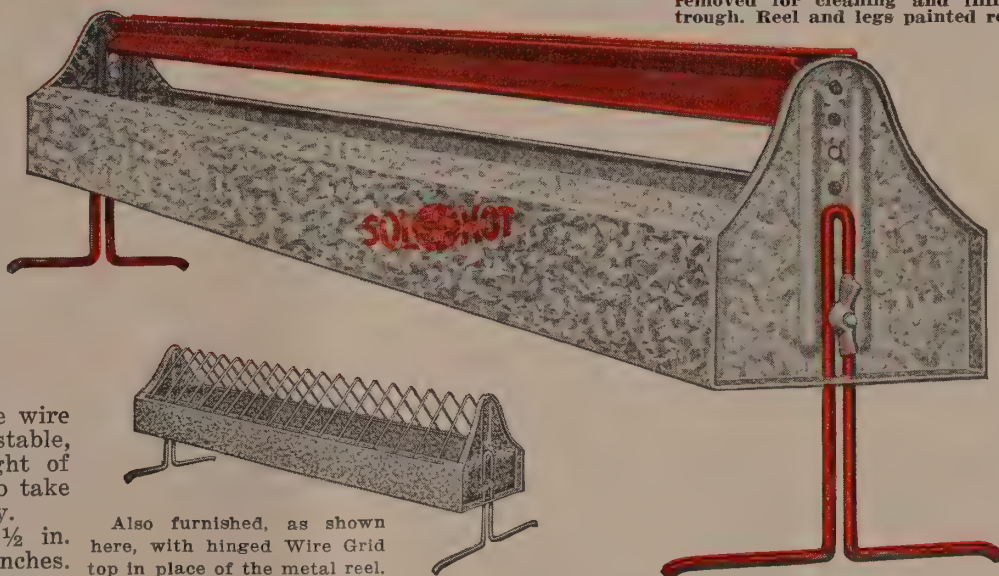
No.	Length	Wt. Each	12 in Carton	Price Each
9-24W	24 in.	3 lbs.	31 lbs.	\$0.75
9-36W	36 in.	5 lbs.	40 lbs.	.90
9-48W	48 in.	6 lbs.	56 lbs.	1.05

Mailable. F. O. B. Quincy, Ill.

Adjustable Feeder for Growing Chicks, Broilers, Pullets, Ducklings and Turkey Poults

When chicks are four weeks or older and have outgrown the ordinary small starting feeders, this big capacity 4-ft. Feeder will give the utmost in service at low cost. It enables growing chicks, broilers and pullets to feed in comfort and, in consequence, they eat more and develop faster, which means quick marketing and a nice income for the poultry raiser. A splendid Feeder for ducklings and turkey poults. Sanitary and economical to use, it quickly pays for itself in feed savings. The trough is heavy galvanized steel, with ends securely spot welded. The wide, folded edges serve as feed guards, preventing waste. The wire legs and revolving metal reel are adjustable, making it possible to adjust the height of trough and the size of feed openings to take care of growing birds up to maturity.

Dimensions: Trough 48 in. long, 5½ in. wide, 3 in. deep. Height over-all 9½ inches.



Also furnished, as shown here, with hinged Wire Grid top in place of the metal reel.

METAL REEL FEEDER

No.	Length	Wt. Each	6 in Carton	Each
9-160R	4 ft.	7 lbs.	32 lbs.	\$1.30

F. O. B. Quincy, Illinois

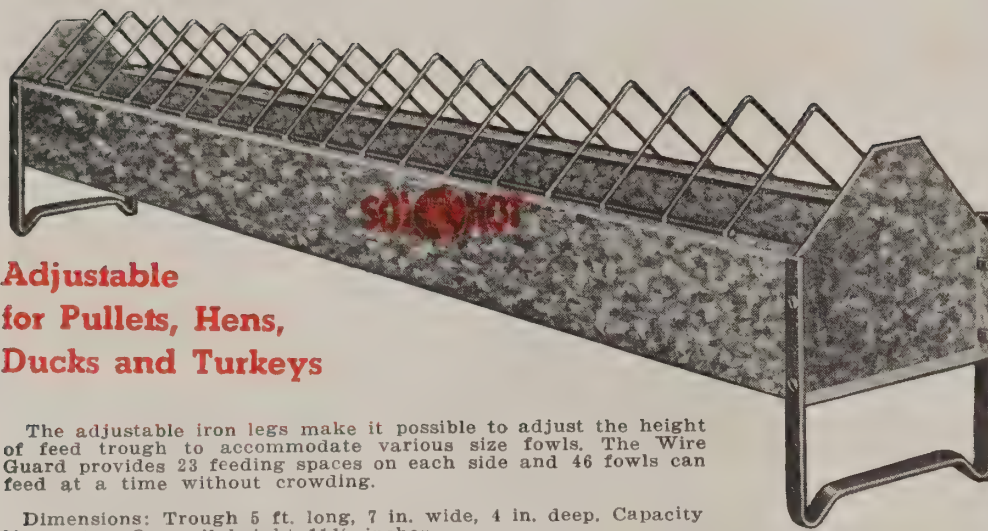
WIRE GRID FEEDER

No.	Length	Wt. Each	6 in Carton	Each
9-160W	4 ft.	7 lbs.	32 lbs.	\$1.40

F. O. B. Quincy, Illinois

Sol-Hot

Pullet Feeder



**Adjustable
for Pullets, Hens,
Ducks and Turkeys**

The adjustable iron legs make it possible to adjust the height of feed trough to accommodate various size fowls. The Wire Guard provides 23 feeding spaces on each side and 46 fowls can feed at a time without crowding.

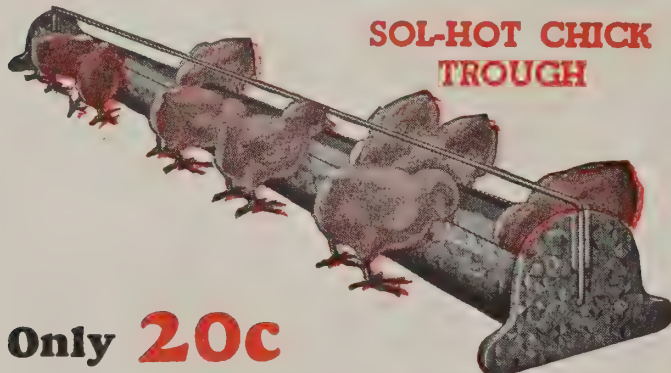
Dimensions: Trough 5 ft. long, 7 in. wide, 4 in. deep. Capacity 30 quarts. Over-all height 11½ inches.

A wonderful value in an all around Feeder for feeding mash, grain or pellets. Its big-capacity feed trough, the sturdy adjustable legs and the roost-proof, heavy wire guard top are outstanding features and make it especially desirable. It fills the need of the most exacting poultryman. The wide trough permits hens to feed from both sides. It is substantially constructed of heavy galvanized steel, with turned-in flanges along its entire length forming a ¼-inch lip on each side to prevent feed waste. The Wire Guard is perch-proof. Hens cannot roost on top or foul the feed in trough. The guard is hinged on and is easily lifted for filling or cleaning trough.

Capacity 30 Quarts

No.	Wt. Each	6 in Carton	Each	Six for
9-360	12 lbs.	50 lbs.	\$2.40	\$13.80

F. O. B. Quincy, Ill.



**SOL-HOT CHICK
TROUGH**

Only 20c

**A VERY POPULAR STYLE FEEDER FOR STARTING
THE BABY CHICKS**

Sturdily built of heavy galvanized steel with the edges of trough turned in at top to prevent feed waste. Adjustable wire rod prevents roosting and may be lowered out of the way when filling trough. Length 20 in. Round bottom.

No. 9-16 Chick Trough, wt. 2 lbs., each.....\$.20

Dozen in carton, wt. 11 lbs., price 2.20

Mailable. F. O. B. Quincy, Ill.

SOL-HOT ECONOMY ROOST-PROOF CHICK TROUGH



Substantially made of galvanized rust-proof sheet iron, stamped from one piece, with no soldered seams. May be used as a feeder or waterer. The turned-in lip on each side of trough prevents waste of feed. The Metal Reel makes it roost-proof and keeps chicks out of trough. Made in four popular sizes to meet the demands of all poultrymen.

No.	Length	Number in Carton	Wt. per Carton	Price ¼ Dozen	Price Dozen
9-1412	12 in.	3 dozen	23 lbs.	\$1.00	\$1.65
9-1418	18 in.	2 dozen	23 lbs.	1.35	2.30
9-1424	24 in.	2 dozen	33 lbs.	1.85	3.30
9-1436	36 in.	2 dozen	45 lbs.	2.50	4.65

Mailable. F. O. B. Quincy, Ill.

Sol-Hot Monarch Poultry Waterer

**With Sanitary, Rust-Proof, Non-Freeze Water Trough of
ARMCO Ingot Iron**

A popular style fountain designed especially to meet the demand for a large, efficient waterer for commercial poultrymen. It embodies the big, removable water trough of special rust-resisting ARMCO Ingot Iron. Holds 9 gallons of water and is easily cleaned and filled. Stands clear of the litter, allowing full use of entire floor area and eliminating fire danger. The trough is fully 4 ft. long, with eight feet of perches extending along sides. Hinged Wire Guard Top makes it roost-proof and prevents the contamination of water by droppings.

This Sol-Hot 4 ft. Monarch Flock Waterer is a big, man-size piece of equipment. It is the big water supply for the big flock. Will take care of up to 150 hens. Eggs, you know, are 67 per cent water—so hens that suffer for want of water cannot possibly lay very many eggs. If you want anything like profitable egg production, be sure to supply your hens with plenty of pure, fresh water at the proper drinking temperature.



Use Monarch Flock Waterer and watch for a big increase in egg production—often as much as 25 to 50%. Think of it! Only three extra eggs a month from each of 130 hens (or 32½ dozen eggs at 25c per dozen) will, in just one month, give you \$8.12 extra egg money—enough to more than pay the cost of a Monarch Flock Waterer. Every poultry raiser needs this Waterer and should find it a profitable investment.

**NOW ONLY
\$7.95**

Lifetime Construction—Oil or Electric Heated

The Water Trough is made of rigid, 26 gauge, rust-resisting ARMCO Ingot Iron for long service, with smooth flanged edges at top. The ends are soldered water-tight. Size of Trough: Length 48 in.; width at center 9 in.; width at bottom 7 in.; depth 5 in. Drain plug in bottom makes trough easily cleaned. The hinged, Wire Grid Top is of rust-proof galvanized steel wire, electrically welded and provides eighteen 2½ in. spaces on each side. The water Trough fits onto the especially designed Heat Circulator which extends the full length of trough. The heat is circulated under trough, from end to end, warming the entire bottom, and in this way keeps the water at correct drinking temperature. No danger of water freezing at trough ends in this Monarch Flock Waterer, as is often the case in other waterers where the heater box extends under only a part of the trough. Sturdy, angle iron legs well braced, are securely bolted to the Heat Circulator supporting the water trough. Trough may be lifted from stand when desired. Wood perches, 3 in. wide, extend along both sides, 18 in. above the floor and are securely bolted to the

leg braces and cross supports, making the Waterer unusually rigid. In the Oil Model, shown above, a large kerosene-burning Oil Lamp with one quart capacity oil bowl supplies all the heat needed to keep the water in trough at drinking temperature in zero weather. Oil lamp is enclosed in the all-metal heater box, attached to Heat Circulator—eliminating fire danger. The Electric Model comes equipped with a 110 volt, 60 watt Electric Heating Element enclosed in metal housing under trough (in place of the oil lamp) and is fitted with a 7 ft. length of rubber insulated cord.

No. 9-419—Monarch Flock Waterer with oil lamp heater, price \$7.95

No. 9-4E9—Monarch Flock Waterer with 110 V. Electric Heater 7.95

Above packed one in carton, wt. each 37 lbs. Shipped K. D.

No. 9-416F—Float Valve, pipe connection and bracket attachment, to convert either of above Units into an Automatic Pressure Waterer. Price \$1.65

All F. O. B. Quincy, Ill.

Let Your Hens Eat or Drink in Comfort from The "Sheer Comfort"

COMBINATION FEEDER
AND WATERER
FOR MASH,
GRIT,
SHELL,
WATER

\$10.35 Complete as Shown

Here is a complete "One-Stop Service Station" for your hens. It provides separate compartments for mash, grit, shell and water—everything they need in one handy unit. Gives the fowls a chance to pick out what they want without having to run from one feeder to another. Saves labor for the caretaker, too. The mash hopper easily holds 85 lbs. of mash and the water trough has a capacity of 5½ gallons. One filling should be sufficient to keep a flock of 100 hens supplied with everything they need for 24 hours or longer.

DURABLY CONSTRUCTED—REASONABLY PRICED

The big Feeder is sturdily built with the frame of heavy angle iron, securely bolted and braced. It will not sag with the weight of the fowls. Stands on rigid angle iron legs and allows full use of entire floor space. Wood perches are 16 in. from the floor—high enough to discourage feather pulling and vent picking while birds are feeding. The heavy galvanized steel trough is fully 8 ft. long, 11½ in. wide, 6½ in. deep . . . built with separate com-

partments for mash, grit, shell and water. The hinged wire guard folds back, making the trough easily cleaned and filled. The water tank of heavy rust-resisting Armco Ingot Iron is removable for cleaning. Water trough fits into the outer trough, with an air space between walls forming a flue through which the heat passes. Made in one size and furnished with either a large capacity oil lamp or electric heater.

ELECTRIC HEATED MODEL

No. 9-265E—Sheer Comfort. Complete with a Guaranteed Electric Heating Unit, 8 ft. of cord and connection, for 110 voltage. Over-all size: Length 8 ft. Width 2 ft. Height 30 in. Weight 50 lbs. Price each **\$10.35**

Shipped K. D., F. O. B. Quincy, Ill.

LAMP HEATED MODEL

No. 9-265—Sheer Comfort. Fitted with an extra large, kerosene-burning oil lamp heater. Complete as shown above. Over-all size: Length 8 ft. Width 2 ft. Height 30 in. Weight 50 lbs. Price each **\$10.35**

Shipped K. D., F. O. B. Quincy, Ill.

Saves Feed—Saves Labor
Saves Time—Saves Space
Wires 3" Apart



SOL-HOT GRIT AND SHELL BOX

4 COMPARTMENTS

For feeding grit, shell, and charcoal. Keeps the feed clean and prevents waste. Each compartment holds 3 pints. Sloping roost-proof top is hinged on for convenience in filling. Has holes punched in back to hang against wall. Made of heavy galvanized steel. Mailable.

No. 9-24F — Grit Box.
Size: 12 in. wide, 12 in. high. weight 4 lbs.
Each **\$1.10**

F. O. B. Quincy, Ill.

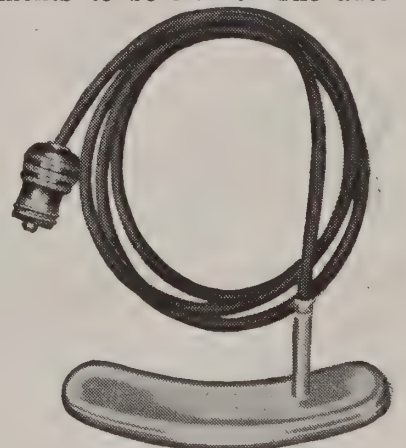


Do you know that an egg is composed chiefly of water? Sixty-seven per cent. Almost three-fourths of every egg is nothing more or less than just water. You know that certain other ingredients are necessary and that a hen cannot lay eggs without them. And, you supply them in abundance. But the chief factor—the most important thing that goes into the egg—water—is too often left to chance. Hens that suffer for want of water cannot possibly lay very many eggs. Above all things, supply your hens with plenty of clear, fresh water if you want to get anything like profitable production. And it must be pure water—not mud or slop. Put out plenty of Sol-Hot sanitary waterers. Keep them cleaned and filled and watch for a big increase in egg production—often as high as fifty per cent.

SOL-HOT ELECTRIC IMMERSION HEATER

Suitable For Any Fountain

Especially designed to offer the greatest utility. Drop it into the water pan of any 5, 8 or 10 gallon Fountain; any pail, trough, open pan or crock up to 12 gallon capacity and plug into socket. No adjustments to be made. The automatic switch inside is carefully tested and permanently set. Holds water at 50 to 55 degrees, automatically. Case of heavy, tinned copper houses the heating element and switch. Securely assembled and soldered—positively water-tight. Heating element of finest coiled wire, well insulated. Draws 200 watts. Average consumption is less than one K. W. H. in 24 hours. Guaranteed for one year.



No. 9-134—Electric Immersion Heater.

Packed one in Carton, wt. 2 lbs.

For 110 Volt A. C. Only

Size 7 in. long, 1½ in. wide **\$3.00**

Postage Extra

Sol-Hot Master Flock Feeder

For Hens, Pullets and Turkeys

Solves the feeder problem for the poultryman who demands a practical, well-made Feeder at a very low price. Suitable for feeding mash, grain or pellets—without waste. Big capacity Feed Trough—made in two lengths.

\$5.40

8-FT. SIZE

**EXTRA EGGS FROM ONLY SIX HENS
PAYS FOR THIS FEEDER**

Let the Sol-Hot Master Flock Feeder pay for itself in increased egg production. Fill the Feeder with a first-class egg producing Mash, and look for a big increase in egg production. You can reasonably expect three to four dozen more eggs a year from each hen. At this rate, the extra eggs you would get from ONLY SIX HENS in a year would total at least eighteen dozen and—figured at 20c a dozen—would pay the entire cost of the 5 ft. Feeder. This 5 ft. Feeder is plenty large enough for a flock of 35 to 50 hens. With a flock of 100 hens, you could get at least 300 dozen more eggs a year. At only 20c a dozen, this would mean \$60.00 extra for you in egg money. This means a big savings in feed, time and labor which are to be effected by the use of these sanitary, big capacity, no waste design Feed Troughs. You will find this Flock Feeder a most profitable investment.

\$3.60

5-FT. SIZE

Large Capacity Feed Trough

Heavy, rust-resisting Galvanized Steel Construction throughout. All parts securely welded or bolted. Heavy, Channel Steel Legs, rigidly braced, support the Trough. Will not wobble or sag.

High Quality Construction—Advanced Design

This sturdily built, low-priced Feeder will give years of satisfactory service and will soon pay for itself through the savings in feed, time and labor and through increased egg production. Designed to keep the feed always in full view of the hens, it thus induces them to eat more and as a result they lay more eggs. For maximum egg production, many poultrymen feed mash and cracked grain from separate feeders. Sheer's low prices on Master Feeders make it possible to do this with true economy, and it is recommended that two of the 5 ft. feeders be used for one-hundred hens. For all-mash feeding, use one 8 ft. Feeder for eighty hens.

The Feed Trough is of heavy gauge Galvanized Steel, with the ends die-stamped. The trough is made 9 inches wide at center, 7 inches wide at bottom and 5 inches deep. The smooth, one-inch flange extending along top edges serves as a feed guard to prevent the fowls from billing out and wasting the feed. The roost-proof Wire Grid Top is of heavy, electrically welded galvanized steel wire with 2½ inch spacings. It is hinged to trough and folds back for easy cleaning and filling. The 5 ft. Wire Guard has 22 spacings between wires; the 8 ft. size, 36 spacings.

Rigid, channel steel legs, securely bolted and well braced, support the feed trough. The 3-inch wide Wood Perches of clear Redwood are bolted to the cross supports and are 16 inches above floor. Ten feet of perch space is provided on the 5 ft. Feeder; sixteen feet on the 8 ft. size. The large 8 ft. Feeder is furnished with a special cross brace at center to prevent sagging. The small feeder does not require this center support and is held rigid by the legs and cross supports at ends.

Big Values At These Low Prices

No.	Length	Mash Capacity	Hen Capacity	Weight Each	Packed 2 In Carton	Price Each
9-475	5 ft.	1¼ bu.	35 to 50	18 lbs.	37 lbs.	\$3.60
9-478	8 ft.	2 bu.	55 to 80	29 lbs.	50 lbs.	5.40

Shipped K.D. Easily Set Up. F. O. B. Quincy, Ill.

Sol-Hot Master Floor Feeder

Hinged Roost-Proof Wire Guard & Large Feed Capacity



\$2.80

5-FT. SIZE

\$3.90

8-FT. SIZE

Roost-Proof—Sanitary

The Guard is made of heavy wire, electrically welded, and is hinged on, for convenience in cleaning and filling trough. Prevents contamination of feed. Wires are spaced 2½ in. apart—with 22 spacings in the 5 ft. Guard and 36 in the 8 ft. size.

A Practical, Low-Priced Floor Type Feeder for Pullets and Hens and a Dandy Outdoor Feeder for Turkeys

The big capacity Feed Trough is substantially constructed of heavy Galvanized Steel with sturdy, 9-inch Channel Steel Legs . . . high enough to keep the trough above the litter. The two steel cross braces, bolted to the trough and legs, make this Feeder unusually rigid. Trough is 9 in. wide at center, 7 in. wide at bottom and 5 in. deep. The one-inch flanged edges along top of trough prevent the fowls from billing out and wasting the feed. Hen Capacity: 5 ft. feeder for 35 to 50 hens; 8 ft. size for 55 to 80 hens. Shipped K. D. Easy to set up.

LOW MONEY-SAVING PRICES

Feeder No.	Length	Mash Capacity	Weight Each	Wt. 2 in Carton	Price Each
9-365	5 ft.	1¼ bu.	13 lbs.	23 lbs.	\$2.80
9-368	8 ft.	2 bu.	18 lbs.	35 lbs.	3.90

F.O.B. Quincy, Illinois



Automatic Water Supply Valve

Provides a Positively Efficient— Absolutely Automatic Water Supply System

NO LEVERS—NO FLOATS—NO RUSTING

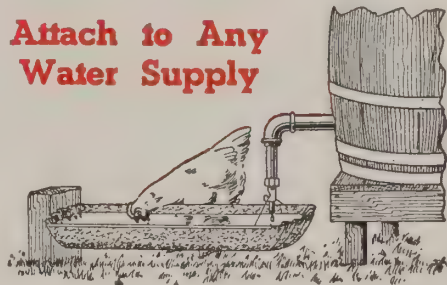
Sol-Hot Valve provides an automatic water supply. It attaches to any barrel, tank or other container, and also operates successfully on city pressure system. Positive in action—it keeps the water at a constant level in the drinking pan. The Valve is controlled by the nut at bottom and may be adjusted to fill the trough to any desired level. As the fowls drink, a fresh supply of water flows into the trough and valve closes automatically when trough is full.

This Valve is made entirely of brass and a hard freeze will not affect it. There are no parts to rust—no levers or floats. Attaches to any standard pipe line of 1/4-inch diameter or larger . . . and any number of valves can be fitted to the same pipe line and installed in various pens as shown in panel view below. The adjusting nut on end of Valve controls the flow of water, which may be increased or decreased instantly by turning the nut to right or left.

FREEZING WILL NOT INJURE IT

The spring action of the valve is governed by the weight of the water in pan. As the water supply is used, the weight is lessened and the valve automatically opens the water outlet. When trough is filled, Valve closes and shuts off the flow of water. When pan is removed for cleaning, the water supply is automatically shut off by spring. No adjustment necessary. The Sol-Hot Colony House Drinking Pans are especially recommended for use with this Valve, but any other pan can be used by placing it on a small platform and hooking onto valve.

Attach to Any Water Supply

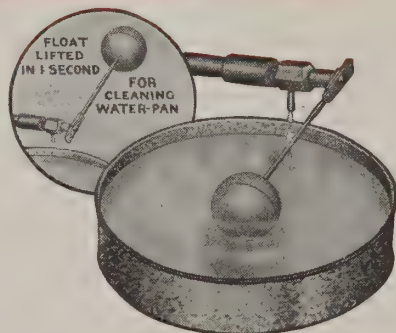


9-203—Automatic Fountain Valve, price each.....\$ 1.10
Dozen, weight 3 lbs., price..... 13.20

Prepaid In U. S. A.

SOL-HOT STREAMLINED FLOAT VALVE

One of the most reliable Float Valves on the market. Made entirely of brass. No parts to rust or clog. Automatic in action. Controls water supply to the desired level, without waste. The rising surface of the water in pan causes float to automatically close the valve when water reaches the desired depth. As the water supply is used, the Valve opens and allows water to again enter pan. Fitted with 1/4-inch pipe connection, it can be used on any pipe line leading from a barrel, tank, or city supply. Works on high or low pressure. Solid bronze ball in valve. Pan or trough can be conveniently removed for cleaning by simply lifting up the float, as shown in illustration. When pan is replaced, simply lower valve to working position and it is ready for use—no adjustments necessary. Wt. per dozen, 6 lbs.



No. 9-417—Float Valve. Price each, Postpaid in

U. S. A.\$1.05

No. 9-6170—Galvanized Water Pan only, as shown in illustration. Diameter 17 in. Depth 4 in. Capacity 15 qts. Wt. 3 lbs. Each\$0.85; Price per dozen.....\$9.90

Postage Extra.

SOL-HOT COLONY HOUSE DRINKING PANS

The Pans are especially recommended for use with Sol-Hot's Anti-Dry Fountain Valve shown above. Stamped in one piece from heavy, galvanized iron, they have no soldered seams. Absolutely leak-proof.

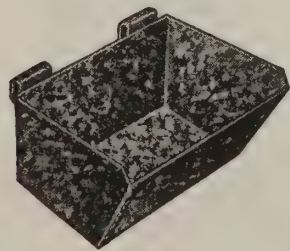
No.	Length	Depth	Width	Wt. Each	Each
9-151	34 in.	2 3/4 in.	5 in.	3 lbs.	\$0.75
9-152	45 in.	3 1/4 in.	4 1/4 in.	3 lbs.	.85

Mailable. F.O.B. Quincy, Ill.

Sol-Hot Feed and Water Cups for Poultry Supplies

Designed for use on exhibition Poultry Coops, Turkey Coops, Feeding Batteries, etc. Fine for use on Home-built equipment, especially Hen Batteries. Easily and quickly attached. Lugs hook over wires of coop and hold cups rigidly in position.

No. 9-924—Individual Water Cup, shown at left. Well-made of heavy galvanized steel. Very sanitary. Capacity 1 1/2 pints. Price each, Postage extra....\$0.35
Dozen, weight, 9 lbs., price... 4.05



No. 924

No. 9-842—Seamless Water Cup. A practical, convenient and durable cup for Exhibition Coops. Drawn from one piece of heavy terne plate—a rust-resisting metal. No soldered seams. Furnished with lugs to fasten on coop. Illustrated at the right. Capacity about 1/2 pint. Price each\$0.20
Dozen, weight 3 lbs.; Price per dozen.. 1.35

Postage Extra.



No. 842

TWO COMPARTMENT FEED TROUGH

Sanitary, no-waste, design Feed Pan is substantially made of heavy galvanized steel. Divided into two compartments by a center partition, it is especially adapted to use on Hen Batteries. Lugs securely fasten it to the Battery. Large capacity. Made 10 in. Long, 5 in. wide at top, 3 1/2 in. deep. (Not illustrated.)

No. 9-925—Feed Trough, wt. 2 lbs., each\$0.55
Price per dozen 6.00

Postage Extra.

SELF-CLOSING
BRASS
SPRING
VALVE



SOL-HOT Double Wall Fountain for Chicks, Broilers and Pullets

A large capacity fountain of the popular two-piece style, for growing and grown birds. Can be used the year 'round. Outer can lifts off, making it convenient to clean the inner can. To fill, simply pour in the water or fill from faucet as illustrated. The water level is vacuum controlled. Drinking pan is tapered design, and made extra heavy with full curled edge. Afford a large amount of drinking space. The automatic self-closing Brass Spring Valve regulates flow of water. Convenient to use. It shuts off the water when cover is removed. The locking device is an exclusive feature. A

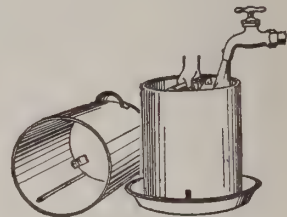
slight turn of the cover engages the inner container and locks them together securely. The entire fountain is built of heavy galvanized iron with inner can soldered to drinking pan. Strong and rigid. Gives good service. Attractively trimmed in red enamel. Has roost-proof top and convenient handle for carrying.

The Sanitary Reversible Stand is extra. It is made with three sturdy steel legs, as shown in view opposite, and can be reversed so as to put the drinking pan at a lower level for small chicks.

SPECIFICATIONS AND PRICES

Number	Capacity	Wt. Each	Packed 3 in Carton	Price Each	Price Dozen
9-2D2—Fount less Stand	2 Gal.	6 lbs.	15 lbs.	\$1.35	\$16.20
9-2D3—Fount less Stand	3 Gal.	7 lbs.	19 lbs.	1.75	21.00
9-187—Stand only, for above Fountains		2 lbs.	4 lbs.	.25	2.70

Mailable. F. O. B. Quincy, Ill.



EASY TO FILL

SOL-HOT ADJUSTABLE MASON JAR STAND

This sanitary, Adjustable Stand fits 1 or 2 qt. size mason jar founts. Especially recommended for use with Sol-Hot's Mason Jar Founts shown opposite. It keeps the fount off the floor and out of the litter. Prevents chicks getting in pan and contaminating contents. Keeps water clean and protects jar against breakage. Sturdily built. Snaps on and off jar easily. Special design makes it possible to adjust Fount in Stand to any desired height—suitable for chicks of various ages. Holds drinking pan in rigid position.

The jar and pan are not included at the prices listed below.

LOW IN PRICE

No. 9-186—Sanitary Adjustable Stand, 3 for	\$0.40
One dozen, weight 5 lbs., price per dozen	1.35

F. O. B. Quincy, Ill.



SOL-HOT 5-QUART CHICK FOUNTAIN

Here is a Fountain value that is really out of the ordinary. Substantially made of heavy galvanized iron. Full 5 quart capacity. Handy to fill, carry and clean. The pail and pan snap together on the glove fastener principle. Simply remove the pan, turn the fountain bottom up and fill it like an ordinary bucket. To restore to drinking position, replace the pan and invert fountain. No splashing. The one-piece tapered drinking pan has a smooth rolled edge—fine for baby chicks, broilers and pullets. Roost-proof top with drop-handle for easy carrying Red enamel trim.



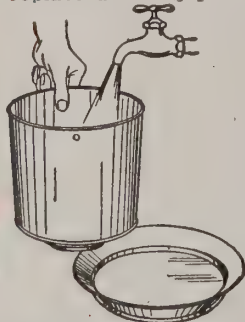
SANITARY AND CONVENIENT

No.	Capacity	Wt. Each	12 in Carton	Price Each	Dozen
9-2C1G	5 Qt.	3 lbs.	24 lbs.	\$0.65	\$7.80

Mailable. F. O. B. Quincy, Ill.

SOL-HOT NON-SPLASH CHICK AND BROILER FOUNTAIN

An outstanding value in an inexpensive two-piece Fountain. The top lifts off and when reversed, forms a pail for easy cleaning and filling. Simply pour in the water or fill from faucet. The top fits palm when inverted and has a flat surface to rest on while filling. To restore to drinking position, simply replace drinking pan and reverse fountain. The pail and pan snap together on the glove fastener principle. No danger of over flow or splashing when turning. Made of heavy galvanized iron for long service. The one-piece drinking pan has a smooth rolled edge—especially designed for small chicks, but also suitable for broilers and pullets. Sloping roost-proof top



CONVENIENT TO FILL

with convenient drop handle. Nicely finished with red enamel trim.

ONE SIZE—ONE LOW PRICE

No.	Capacity	Wt. Each	6 in Carton	Each	Price 1/2 Doz.
9-212	2 1/2 Gal.	5 lbs.	20 lbs.	\$1.05	\$6.30

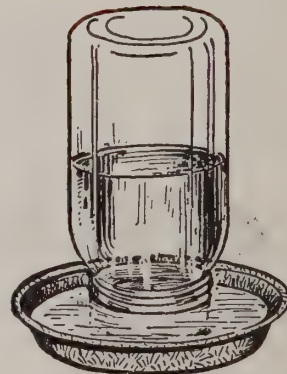
Mailable. F. O. B. Quincy, Ill.

SOL-HOT MASON JAR FOUNTS FOR BABY CHICKS—THREE STYLES



These Glass and Enameled Founts are especially recommended for feeding buttermilk or medicated water. Prices below do not include the jar.

Made to fit any standard Mason Jar. Three styles—Glass, Galvanized, and Enameled Finish. The Galvanized and Enameled Founts have a screw cap securely welded to pan. Will not break loose or rust out. The Glass Fount shown at right is fitted with a strong spring clip into which the jar screws. The clip snaps over outer edge of saucer and is instantly removable for filling and cleaning. The wide opening in mouth of jar permits the feeding of clabber without clogging.



No.	Finish	Wgt. Doz.	Carton Weight	Price 3 For	Dozen Price	Gross Price
S-0	Galvanized	4 lbs	72	\$0.25	\$0.95	\$9.60
S-07	Enameled	4 lbs.	72	.25	.95	9.60
S-21M	Glass	11 lbs.	36	.40	1.30	14.40

Mailable. F. O. B. Quincy, Ill.

SOL-HOT Sanitary Automatic Float Valve Fountain

**SANITARY - - EASILY CLEANED - - CONVENIENT - -
BIG CAPACITY - - AMPLE DRINKING SPACE**

Built throughout of heavy galvanized steel, with the water tank and drinking pan of 26-gauge metal to assure long life. All parts removable for easy cleaning. Tank, drinking pan and oil tank are all made separate as shown in illustration at the left, making the Fountain absolutely sanitary and easily cleaned. As easy to fill as a bucket. Has a Roost-proof lid and a convenient handle for ease in carrying. Drinking pan is in one piece, die stamped, made 15½ inches in diameter and 2 inches deep. No rough edges. The trouble-proof Automatic Float Valve controls the water to proper level in drinking pan. It is made of solid brass, and freezing will not injure it.

The Oil Model is fitted with a large kerosene-burning Oil Lamp in the all-metal heater base. Oil tank serves as the bottom for the heater base and holds enough oil to last three to four weeks on one filling. Electric Heated Model is furnished with a 60-watt Electric Heating Element, 8 ft. cord, and connection for 110-volt alternating current. Both the oil and electric heated Fountains can be had either with or without the Stand shown at right. Stand is made rigid with heavy galvanized steel legs and cross braces and wide Redwood perches, 16 inches high.

FOUNTAIN ONLY Without Heater Base and Stand



Sectional View

No.	Capacity	Weight Each
88-56	5 Gal.	9 lbs.
88-86	8 Gal.	11 lbs.

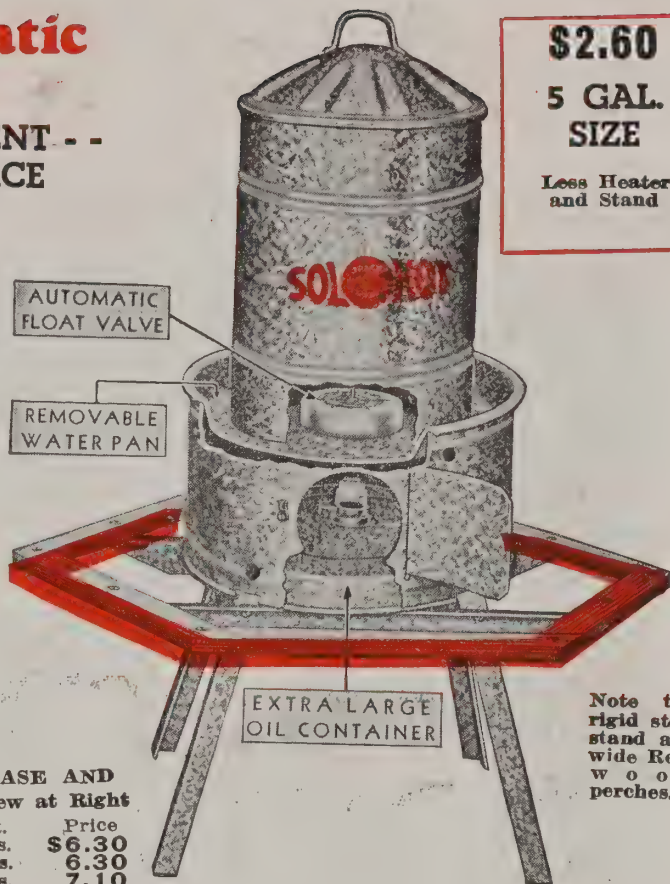
FOUNTAIN WITH HEATER BASE But Without Stand

No.	Type	Size	Wt.	Price
9-56L	Lamp	5 Gal.	14 lbs.	\$4.40
9-56E	Electric	5 Gal.	14 lbs.	4.40
9-86L	Lamp	8 Gal.	20 lbs.	5.20
9-86E	Electric	8 Gal.	20 lbs.	5.20

FOUNTAIN WITH HEATER BASE AND STAND Complete as Shown in View at Right

No.	Type	Size	Wt.	Price
9-56LS	Lamp	5 Gal.	25 lbs.	\$6.30
9-56ES	Electric	5 Gal.	25 lbs.	6.30
9-86LS	Lamp	8 Gal.	27 lbs.	7.10
9-86ES	Electric	8 Gal.	27 lbs.	7.10

All Packed One In Carton. Mailable. F. O. B. Quincy, Ill.



\$2.60
5 GAL.
SIZE

Less Heater
and Stand

Note the
rigid steel
stand and
wide Red-
wood
perches.

*SOLOHOT Automatic Top-Fill Fountain Double-Wall Vacuum Type EASY TO CLEAN - - POSITIVELY SANITARY

Can be cleaned in a jiffy. Kept germ free and positively sanitary in a few minutes' time. Roost-proof top on outer can prevents fowls from perching on top and contaminating drinking water with droppings.

EASY TO FILL - - - EASY TO CARRY

Made with two air-lock cans. The outer can slips off easily which permits the inner can to be filled from the top. It is conveniently carried for refilling.

BUILT FOR LONG SERVICE

The all-Brass, Automatic Spring Valve closes water outlet when the outer can is removed and holds water in fountain until the outer can is replaced. This releases the Valve and reopens water outlet. Water will not overflow or splash. Water level in drinking pan is vacuum controlled. The drinking pan is a one-piece die stamping made 15½ inches in diameter and 2 inches deep, with smooth, turned edge. The inner can is securely soldered to the drinking pan.

"ALL SEASON" FOUNTAIN

Superior construction, advanced design and low price make this Fountain a superb value. Entire Fountain is constructed of heavy gauge galvanized steel, double seamed and soldered. Nothing to wear out. Sturdily built for years of service. It will stand up under the hardest usage.

OIL HEATED MODEL

The Oil Heated Model is arranged with a large Heater Base as shown, which safely houses the kerosene-burning oil lamp. It will keep the water from freezing in severe winter weather. Oil tank is separate and is of generous size to give prolonged service between fillings. It occupies the full diameter of heater base, and holds a 3 to 4 weeks' supply of oil in one filling. Fitted with powerful lamp burner. Large door opening for convenient attention to lamp.

ELECTRIC MODEL

The Electric Model comes with a dependable Electric heater in place of the oil lamp. Heater consists of a 60 watt Guaranteed Electric Heating Element, 8 ft. cord and connection for 110 volt alternating current. Both models furnished either with or without the Stand, shown at the right. Stand is of heavy galvanized steel with Redwood perches 16" above floor. Allows full advantage of floor space; also prevents litter being scratched into water and discourages vent picking.



ONLY
\$2.45
5 GAL.
SIZE

Less Heater
and Stand

**OIL OR
ELECTRIC
HEATED**

Furnished with or without Stand

Stand is built with Redwood perch to provide the greatest amount of perching space and gives fowls easy access to the water. Stands 16 inches high—clear of litter and permits full use of floor space.

FOUNTAIN ONLY Without Heater Base and Stand

No.	Capacity	Weight Each	Price
9-59	5 Gal.	10 lbs.	\$2.45
9-89	8 Gal.	13 lbs.	3.35

FOUNTAIN WITH HEATER BASE But Without the Stand

No.	Heater	Cap.	Weight	Each
9-59L	Lamp	5 Gal.	15 lbs.	\$4.35
9-59E	Electric	5 Gal.	15 lbs.	4.35
9-89L	Lamp	8 Gal.	21 lbs.	5.25
9-89E	Electric	8 Gal.	21 lbs.	5.25

FOUNTAIN WITH HEATER BASE AND STAND Complete as shown in view.

No.	Heater	Cap.	Weight	Each
9-59LS	Lamp	5 Gal.	23 lbs.	\$6.25
9-59ES	Electric	5 Gal.	23 lbs.	6.25
9-89LS	Lamp	8 Gal.	28 lbs.	7.15
9-89ES	Electric	8 Gal.	28 lbs.	7.15

ABOVE FOUNTAINS ALL PACKED ONE IN CARTON. MAILED. F. O. B. QUINCY, ILL.



SUPREME ELECTRIC Battery Brooder

SOL-HOT DOUBLE EFFICIENCY BATTERY

Outstanding among battery brooders offered on today's market is the SOL-HOT Electric Starting Unit. It embodies the standard accepted principle of the two compartment section—a warm place to hover and a cooler area for feeding and exercising. Feed and water are correctly placed outside the brooder and are readily accessible to the chicks through adjustable feeding holes; yet cannot be polluted by the birds. Sanitation is accomplished by wire mesh floors through which droppings fall to a sliding sanitary dropping pan which may be pulled out and cleaned in a jiffy. Ten minutes a day is sufficient to care for chicks in this brooder. Merely fill feed and water troughs and clean the dropping pans and your day's work is over.

EQUIPPED WITH AIR-FLO HEATER

The new Air-Flo Heating System is provided in the Electric Style Starting Batteries. This exclusive feature has many advantages. By this advanced and highly efficient heating system, the air is pre-heated before it enters the brooding compartment. The chicks are never struck in the face by an onrush of cold, unheated air. The Sol-Hot Air-Flo heating system also provides for keeping the air in proper circulation. Chicks in the Sol-Hot Starting Battery are assured of properly heated, perfectly circulated, health-giving air at all times. If the temperature of the room does not drop below 50 degrees, the chicks will have sufficient heat in this battery brooder, without any additional heat. The economy of this feature is obvious.

SHEER THERMOSTAT HEAT CONTROL IN EVERY COMPARTMENT

Each compartment has a separate electric Thermostat Heat Control. On most Starting Brooders only one thermostat, or at the most two, are provided to take care of the five compartments of chicks which means that some compartments are heated at a higher temperature than others. What you want is exact temperature in every compartment where the chicks are being brooded and the Sol-Hot Starting Brooders make that possible. WE PLACE A TEMPERATURE THERMOSTAT IN EVERY COMPARTMENT FOR ACCURATE SPLIT-DEGREE TEMPERATURE REGULATION. This Electric Thermostat is one of the finest electrical assemblies ever developed for maintaining proper brooding temperature in starting brooder. It makes and breaks contact cleanly and completely with a positive snap action. No arcing, no noise—guaranteed not to cause radio interference.

ONE 5-SECTION BROODER IS USED WITH TWO FB8S FINISHERS
TO MAKE UP THE 100-A-WEEK SUPREME BROILER PLANT

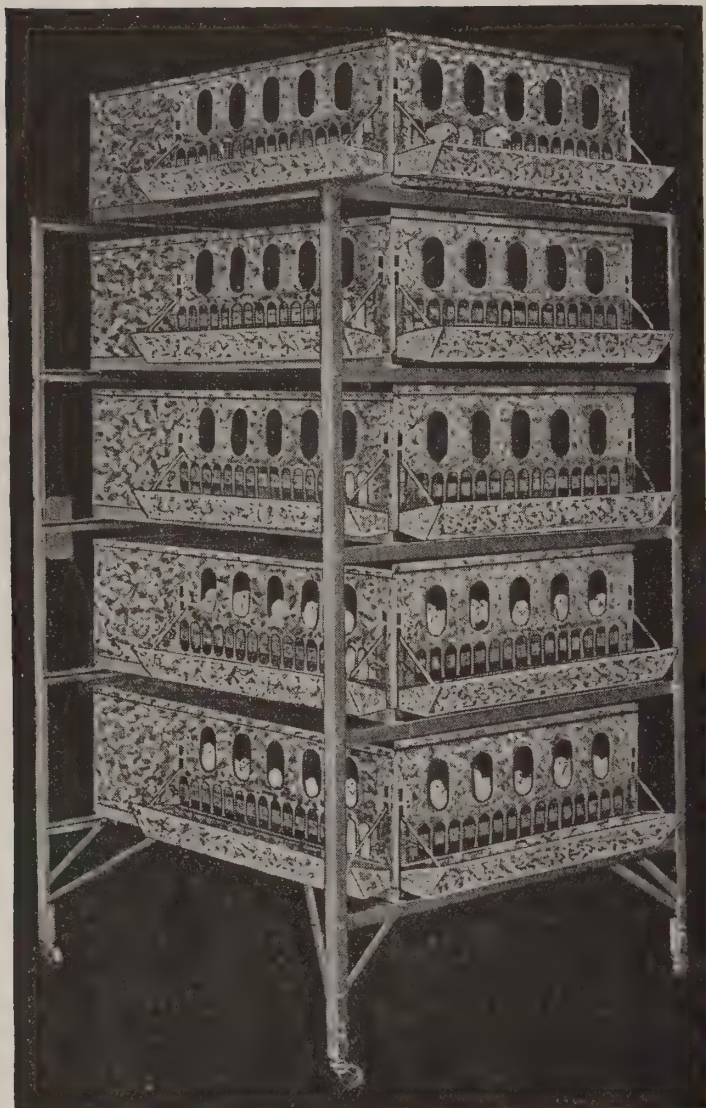
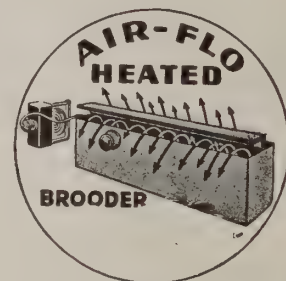
This view illustrates our
Sol-Hot 5-Drawer Electric Battery. Note the rigid construction and finished appearance. All edges turned smooth.

STARTER

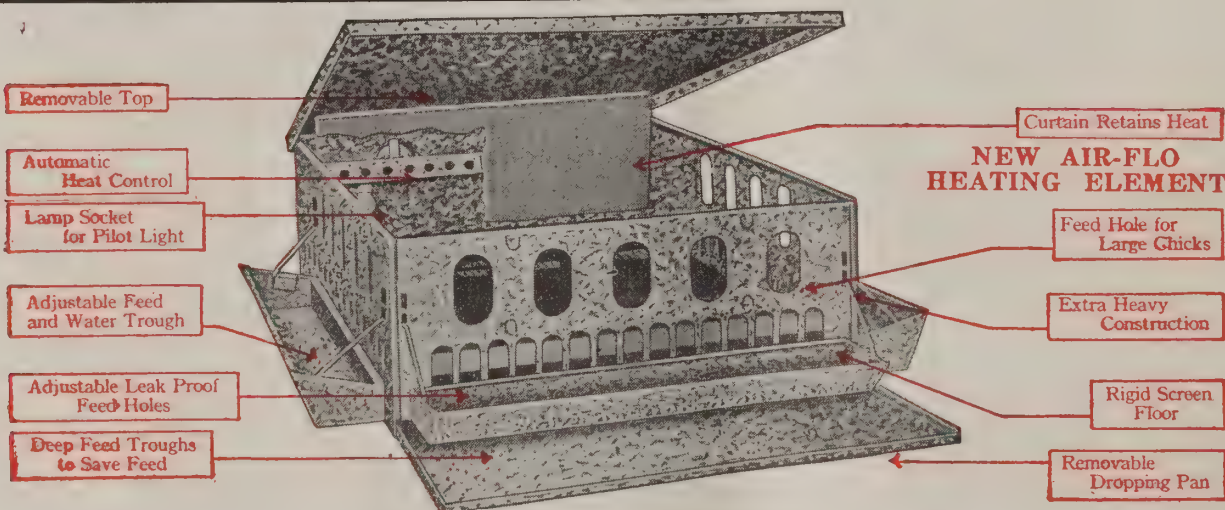
COMPLETE AS SHOWN ONLY

\$60

WITH THERMOSTAT
LESS BULBS



FOR BROODING CHICKS UP TO FIVE WEEKS OLD



Use These Electric,
Oil or Gas Starting
Units and FB8S
Finishers

BULBS EXTRA

General Electric Mazda
C X Ultra Violet Ray
Bulb, extra, each \$1.00
Special Violet Blue Carbon
Heating and Pilot
Light, 60 watts, Type
V-1, extra, each \$0.75
Nichrome Heating Element,
140 watts, Type
HE-1, extra, each \$0.75
Electric style furnished
single section, without
rack. 2, 3, 4, 5 section
styles with rack.

FIVE SIZES—ONE TO FIVE SECTIONS—ELECTRIC

No.	Description	Chick Capacity	Over-All Width	Height Over-All	Drawer Depth	Weight	Complete Less Bulbs
9-1b	Single Drawer Unit without Rack	125 day-old	24x36 in.	13 1/2 in.	9 in.	40 lbs.	\$12.00
9-2b	2-Drawer Battery with Rack	250 day-old	37x38 in.	36 in.	9 in.	130 lbs.	30.00
9-3b	3-Drawer Battery with Rack	375 day-old	37x38 in.	47 in.	9 in.	165 lbs.	40.00
9-4b	4-Drawer Battery with Rack	500 day-old	37x38 in.	62 in.	9 in.	235 lbs.	48.00
9-5b	5-Drawer Battery with Rack	625 day-old	37x38 in.	73 in.	9 in.	275 lbs.	60.00



Supreme Oil and Gas Heated Battery Brooders

NO MATTER WHERE YOU LIVE - - WE HAVE A BATTERY BROODER TO SUIT YOUR NEEDS

In localities where electricity is not to be had, poultrymen may enjoy the advantages of battery brooding with Oil and Gas Burning Models. These brooders are especially desirable for use in non-heated rooms. Will supply all the heat needed for the brooder and in addition furnish heat for a room up to 10 ft. square. Can be successfully operated in any room where temperature does not fall below freezing. Made in three sizes.

The Battery Brooder has taken a permanent place in the poultry industry. Originally it was designed as a display brooder for hatcheries. Shortly afterward poultrymen who brood chicks continually, found that chicks would thrive and do better for the first few weeks of their lives in batteries than most other types of brooders.

Batteries are absolutely sanitary. It is impossible for chicks to poison themselves by picking up droppings, eating noxious worms, etc. They have no chance to pick up foreign matter in their feed and, since they are not allowed to run at large, they are always kept at the proper temperature.

The result is three or four weeks perfect health and growth for the chicks with practically no loss at all and a minimum of labor and care to the poultryman.

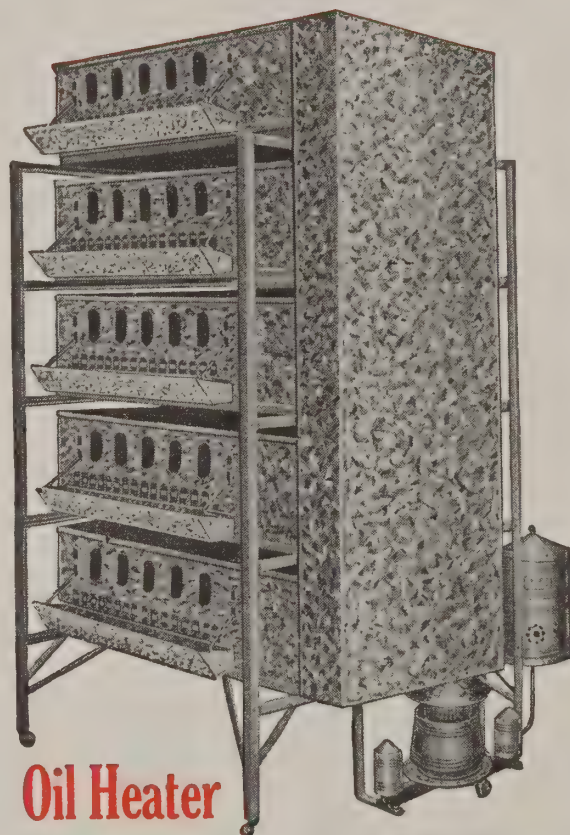
At the present time, battery brooders are used in the development of chickens for every purpose. The starting battery is proper equipment for all grades of poultry no matter whether you intend these chicks for layers, breeders, broilers—regardless of the purpose, the starting battery will handle them for the first month just as well and with less trouble than most other brooders. City people and suburbanites find that by installing a battery in a garage, workshop or any room where reasonable temperature can be maintained, they can make an excellent income and have a business of their own.

**ECONOMICAL - - SAFE - - EFFICIENT
DEPENDABLE**

In operating the Oil Heated Broiler Plant, the only special requirements is to occasionally fill the oil container for the Twin-Float heater and to clean the burner itself every ten days or two weeks which requires only a few seconds' time. In cleaning the Twin-Float heater, it is not even necessary to put out the burner flame.

The users of the Oil Heated Sol-Hot 100-a-Week Broiler Plants are well satisfied with this equipment, especially when they are unable to obtain a favorable light rate in their particular locality or where electricity is not available through the rural areas.

The cash price of the Oil Heated Sol-Hot 100-a-Week Broiler Plant is the same as the Electric Plant, that is \$220.00, which includes the Twin-Float Oil Heater, Twin-Float Oil Container, 5-Section complete Starter, two FB8S Finishers complete, and all the equipment necessary for immediate starting of your Broiler production.

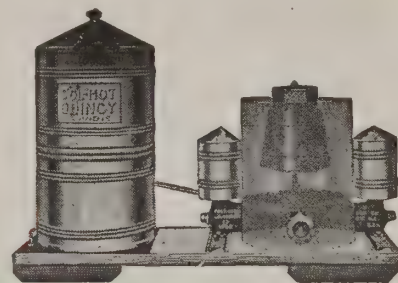


Oil Heater

For Brooding Chicks Up To 3 To 5 Weeks Old

Oil and Gas Heated Models

For use where temperature does not fall below freezing. Built similar to Electric Battery shown—the only difference is in the heating system. Oil model shown above. Uses 1 gal. kerosene in 24 to 48 hours. Gas Model furnished for operation on either natural or artificial gas. Specify kind of gas used. Heat is regulated by height of flame. Drawer temperature regulated by moving drawers closer to or farther away from heat chamber. Shipped K. D. Easily set up.



WORLD FAMOUS TWIN-FLOAT BURNER

The Sol-Hot Twin Float Wickless Burner supplies plenty of heat for starting brooders up to 12 sections. This famous heater operates with a minimum of attention and is exceptionally economical of oil.

SOL-HOT DOUBLE EFFICIENCY BATTERY

Outstanding among battery brooders offered on today's market is the SOL-HOT Battery Starting Unit. It embodies the standard accepted principle of the two compartment section—a warm place to hover and a cooler area for feeding and exercising. Feed and water are correctly placed outside the brooder and are readily accessible to the chicks through adjustable feeding holes; yet cannot be polluted by the birds. Sanitation is accomplished by wire mesh floors through which droppings fall to a sliding sanitary dropping pan which may be pulled out and cleaned in a jiffy. Ten minutes a day is sufficient to care for chicks in this brooder. Merely fill feed and water troughs and clean the dropping pans and your day's work is over.

FIVE SIZES—THREE TO FIVE SECTIONS—OIL



Kerosene type, and natural gas type available only in 3, 4, 5 section styles, with rack.

No.	Description
9-3b	3-Drawer Battery with Rack
9-4b	4-Drawer Battery with Rack
9-5b	5-Drawer Battery with Rack

Chick Capacity	Over-All Width	Height Over-All	Drawer Depth	Weight	Complete Less Bulbs
375 day-old	37x38 in.	47 in.	9 in.	165 lbs.	\$43.00
500 day-old	37x38 in.	62 in.	9 in.	235 lbs.	52.00
625 day-old	37x38 in.	73 in.	9 in.	275 lbs.	65.00

SOL-HOT Standard Growing and Finishing Battery

Especially Designed To Keep Your Chicks From Drafts And Chilling—A Superior Unit



No. 9-4216

No. 9-4216—Standard Growing and Finishing Battery—Capacity 200 two-pound broilers. Four decks high. Sixteen big compartments, each 20x30 in., 14 in. high. Over-all dimensions: Height 72 in., Width 50 in., Length 72 in. Shipping weight, 395 lbs. Price of complete unit as shown above, **\$81.40** F.O.B. Quincy, Illinois

With All These Advantages

- 1 AMPLE VENTILATION.** The especially designed, heavy metal sides serve to break up air currents and help to avoid drafts. Large openings provide plenty of ventilation and allow all foul air and gases to escape.
- 2 BIG CAPACITY.** Accommodates 200 two-pound broilers at a time or 175 two-and-one-half pound broilers. Provides 9,600 square inches of floor space for the birds. Handles chicks from four weeks of age up to broiler size.
- 3 SANITARY AND CONVENIENT.** The Top Deck is fitted with sanitary $\frac{3}{4}$ -inch mesh Wire Floors; all other Decks have floors with one-inch spacings. Droppings fall through instantly into the Dropping Pans below, which are made of rust-resisting Armco Ingot Iron. Floors and Dropping Pans are removable and can be cleaned in a jiffy, providing strict sanitation.
- 4 EXTRA HEADROOM.** Each compartment built purposely high so that the birds cannot be injured. Large, round doors with safety-rolled edges allow plenty of room for removing broilers from each compartment.
- 5 OVERSIZE FEEDING SPACES,** with smooth turned edges. In the Growing Compartments of the top deck, chicks feed through the small feed holes. The three lower decks are for finishing purposes, with the large feed holes arranged for broiler feeding. Four big capacity, no-waste design Feed Troughs on each deck. Water troughs—two on each deck—are made of ARMCO Ingot Iron.
- 6 HEAVY GALVANIZED STEEL CONSTRUCTION THROUGHOUT.** Not a piece of wood to warp, split or crack. No crevices to become infested with mites and disease germs. Built four decks high—each deck divided into four compartments. Rigid 1x1 $\frac{1}{2}$ -inch angle iron frame, on large, easy-rolling casters.

No heat is supplied in these units. Room temperature should be 60 to 70 degrees.

If you prefer this Style Finishing Battery to the Supreme Style (FB8S See page 35) please specify on your order. Two of these units make up the finishing equipment for the SOL-HOT Special 100-a-Week Plant.

Sol-Hot Junior Growing and Finishing Battery

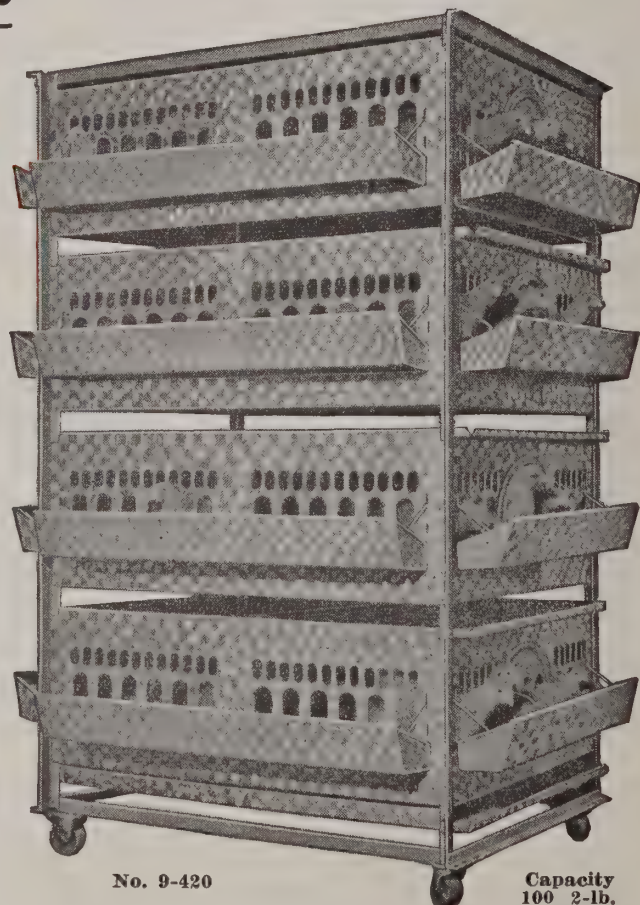
Designed For Started Chicks . . . Develop Low-Value Surplus Cockerels Into Broilers With High Market Value

The latest addition to the Sol-Hot Battery Brooder line developed to meet present day demands for a battery that will economically care for chicks after they have passed the first few weeks' danger period. The object of a finishing brooder is to quickly develop poultry with the least possible trouble and expense. For the production of broilers this Sol-Hot Finishing Battery is ideal. It enables the operator to grow broilers for market all the year 'round—to have them fresh and alive at seasons when the market affords nothing but frozen broiler meat.

This Battery is ideal for the small poultryman or hatcheryman. It will handle 25 chicks per week up to broiler size, after the fourth week. It will easily accommodate one hundred 2-lb. broilers at a time. It is just the equipment that is needed to handle the surplus cockerels to broiler size. In this Battery, the birds develop rapidly, which means that they are ready for market earlier—at a big saving in feed cost. It has adequate headroom and feeding capacity to carry the birds through to marketable size. It is not a heated battery but is so constructed that it will keep the birds in comfort in a room where the temperature is maintained to suit the age of the chicks.

This is a very practical size for the beginner or small poultryman. Four Decks high—divided into eight roomy compartments each size 20x30 in. by 14 in. high. Top deck is fitted with $\frac{3}{4}$ -in. mesh wire floors and the three lower decks are fitted with 1-in. mesh wire floors. Floors and dropping pans are easily removed for cleaning. Dropping Pans are of rust-resisting Armco Ingot Iron. Two feed troughs and one Armco Ingot Iron water trough furnished on each deck. Arrangement of feed holes gives the birds easy access to the feed and water supply. Large, round door makes it convenient to remove the broilers from any compartment. Entire Battery built of heavy galvanized steel—all edges rolled smooth. Rigid 1x1 $\frac{1}{2}$ -inch angle iron frame on large, easy-rolling casters.

No. 9-420 — Junior Growing and Finishing Battery. Specifications: Four Decks high; 8 compartments; each compartment 20x30 in. by 14 in. high. Over-all dimensions: 35 in. wide, 50 in. deep and 72 in. high. Shipping weight 235 lbs. Price F.O.B. Quincy, Illinois, **\$42.00**



No. 9-420

Capacity
100 2-lb.
Broilers



SUPREME GROWING and FINISHING BATTERY

For Broilers and Fryers

This Finishing Battery is used with all styles of Broiler Plants.... Electric...Oil...Gas...also all Hot Water Style Starting Batteries

Heavy, Lasting Construction

Built exceptionally strong and rigid of extra heavy angle iron and heavy rust-resisting steel wire. Substantially braced and trussed, bolted and welded into a solid one-piece unit. Since the number of birds to feed is usually not over 25 for each compartment, feed and water troughs are ample, being placed on all sides of the brooder. Brooders may be butted together at the ends forming unbroken aisles which means maximum floor space economy. Upper section fitted with removable steel walls correctly stamped out with properly designed feeding space for the birds to feed through. These walls retain the body heat of the birds and also serve to slightly darken the compartments which tends to eliminate fighting and cannibalism. Lower sections consist of extra heavy vertical wires through which birds can feed in comfort.

Time Tested—Positively Efficient Pleasing Appearance—Dependable

The FB8S Finisher has been in use by hundreds of the most successful broiler raisers in the country. When used in connection with Sol-Hot Starting batteries and the Sol-Hot Humidifier, it makes up one of the most advanced—most scientifically efficient—most dependable broiler plant ever devised.

Improved Type Dropping Pans Designed For Quick Cleaning And Sanitation

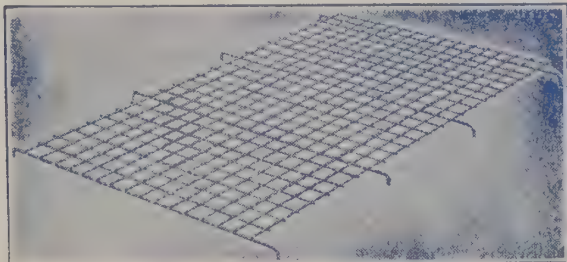
Dropping pans are designed so that they extend to the very outer edges of the sanitary floors. They have a metal strip which protects droppings from deck above from falling into water trough below. This assures absolutely clean water for the birds at all times. Pans are quickly removed and can be properly cleaned in a minute's time. Heavy galvanized coating makes thorough scalding possible, without danger of rust. Old newspapers can be used to catch droppings, if desired. Our new style pans have an extension of metal 1½ inches upwards and 1¼ inches downwards. This keeps the water troughs clean and makes it easier to pull the pans out.



Free

Metal Strips To Protect Water
Furnished Without Charge

FEED-SAVER FEEDING TROUGHS:—Leak-proof construction. Designed to prevent fowls billing out and wasting the feed. Instantly removable by detaching wire hook. The design of these feed troughs means quick, easy filling.



SANITARY FLOORS:—Floors are much the same in both the Sol-Hot Starting Battery and the Sol-Hot Finishing Battery, the only difference being in size of mesh. Special alloy metal is used to which droppings will not adhere.

In the Sol-Hot Finishing Battery we offer you one of the biggest, most efficient, most convenient and most economical battery ever built by America's leading brooder engineers. Seventy-seven inches high, 48 inches wide with feeders, 62 inches long. Shipping weight 420 lbs. Price F. O. B. Quincy, Illinois. Cat. No. FB-8S

Price without enclosed upper tier, making equipment a straight finisher—Cat. No. FB-1

BIG CAPACITY—16 COMPARTMENTS—EACH INSIDE 17"x30"x15"

ASK FOR INFORMATION ON SPECIAL MESH FOR BROODING TURKEY POULTRY

PUT YOUR STARTED CHICKS IN THIS BATTERY—SAVE TIME—LABOR—FEED—PRODUCE BETTER BROILERS

When your chicks have passed the starting or "danger period" they are ready for this fine... clean... comfortable... sanitary home. Here they grow in cleanliness, safety and complete comfort until they are ready for market—fine, high quality broilers—carefully fed, carefully housed—the very best poultry to be had on any market!

Note the Exclusive Details of Construction... the enclosed upper deck or "Growing" section, for example. Instead of taking the birds from the cozy warmth of the starting battery and transferring them promptly to open finishing batteries... Sol-Hot provides this upper enclosed tier, where the chicks remain until they are sturdy enough for the open finishing sections. This is just another small detail which gives the Sol-Hot Broiler Producer a chance for bigger profits.

Birds developed in these splendid finishers are fortunate indeed. They have everything within easy reach... absolute sanitation... clean water... carefully selected food, not of their own haphazard choice... nothing to hamper or retard their rapid, healthful development. Restricted exercise means that their energy is used for YOUR profit... for producing better bones, muscles and feathers. When you take a bird off the ground, you take away many causes for retarded development. When you put a broiler in a Sol-Hot battery, you are assured of certain, quick development... you are certain of fine, well-flavored broilers of top-notch market value.

TWO OF THESE UNITS, TOGETHER WITH ONE 5-DECK STARTER, MAKE UP THE 100-A-WEEK STANDARD BROILER PLANT



CAPACITY 200 2-LB. BROILERS—SEE PAGES 32, 34, 40, 41 AND 45 FOR STARTERS

\$80

\$75.00



This Complete SOL-HOT Broiler Plant



is designed to Produce 100 Fine Broilers Every Week

Do You Want More Money?

Illustrated here is a complete 100-a-week Sol-Hot Broiler Plant. It consists of a splendid Sol-Hot Five-Section Starting Brooder, and two big, roomy Sol-Hot Finishing Batteries which take the chicks when they have passed the early stage of development in the Starting Brooder. Here in the Finishing Batteries it is possible for the chicks to develop quickly to broiler size—fine, healthy birds ready for market at top prices!

These units make up what we consider to be the most practicable and convenient Brooding Plant ever devised by America's leading brooder engineers. Choose an electric, an oil-heated, or a gas-heated model. All are positively efficient in performance and dependable in operation.

Turn to pages where these fine units are described in detail. See how they are made. Note especially the ample floor space provided. See how sanitary they are—how convenient—how efficient. Every piece of material in both starter and finishers is heavy, rust-resisting metal. There are no wood parts to warp and split apart—to rot and harbor vermin. You can clean these brooders with a hose, spray them with insecticides, leave them near a hot stove or out in the sun; and they are not injured in the least. And when it comes to lasting durability, there is practically no limit because there is not a single piece to wear, to go wrong or give trouble.

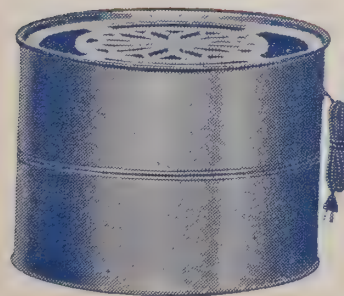
Remember, the Sol-Hot 100-a-Week Plant can be operated in a room as small as 12 ft. by 15 ft. with a ceiling height of 7 feet. It is shipped knocked down. Can be carried through any ordinary doorway. An empty spare room, or basement, or empty garage building can often be turned into profitable space in this manner.

All you have to do is put in the chicks every week, keep the feed and water troughs filled, keep the place clean and market your Broilers. A boy or girl can do it. Your wife can take care of the plant while you are away and it will scarcely interfere with her housework at all.

One more thing: This is extra fancy broiler meat and worth more than the market price paid for the average farm raised broiler.

You can ask a premium and should get it. You have fresh, live broilers every week. In the high price season, you will be one of the few who have them. People do not buy cold storage broilers when they can get fine fresh broilers. You will have a ready market for all the battery fed broilers you can raise at fancy prices.

SOL-HOT HUMIDIFIER - - AN EXCLUSIVE SOL-HOT FEATURE



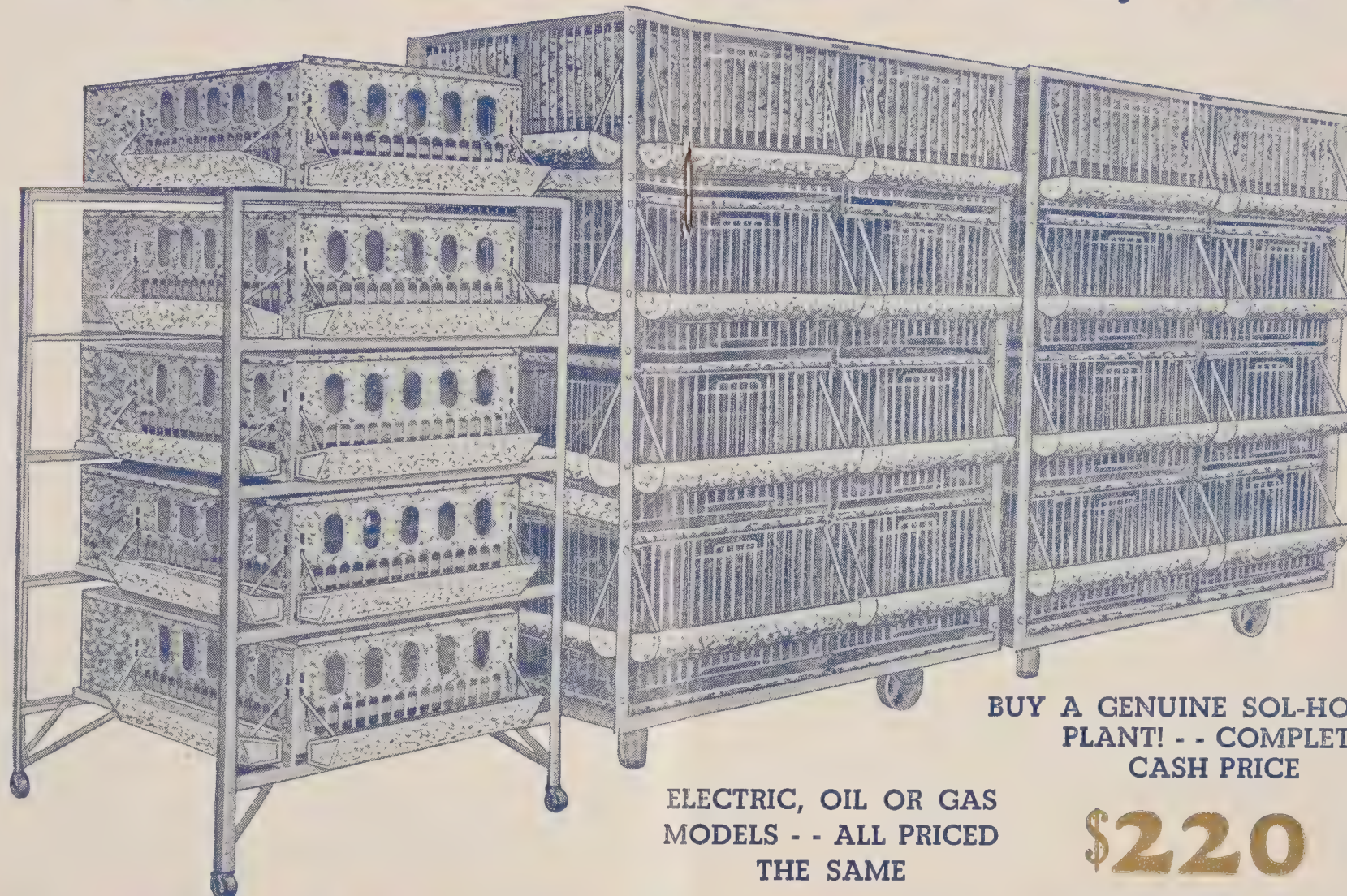
FURNISHED FREE OF EXTRA CHARGE WITH THE 100-A-WEEK ELECTRIC BROILER PLANT

Humidifier \$15.00 When Sold Separately

Humidity means a lot more than a pan of water on a stove. It means more than a steam pipe running through the room. Humidity must be controlled just the same as ventilation. No brooding system will function properly without some method of supplying the necessary humidity. And in the Sol-Hot System you have a perfectly balanced unit . . . a brooder built to work with a humidifier that functions perfectly with the brooder.

This is the unit that makes chicks grow and feather rapidly. It is a specially built job just right for the Sol-Hot Broiler Plant. The two are necessary to each other for maximum growth and success. The Sol-Hot Humidifier washes the air in the average brooding room every 30 minutes. It runs by electricity and humidifies the air to the correct degree for the efficient brooding of chicks in the Sol-Hot Plant.

The Sol-Hot Humidifier will increase the efficiency of any brooding plant but when used in conjunction with the plant for which it is specified . . . the Sol-Hot . . . it represents the very last word in efficient air conditioning for growing chicks.



Here Is What You Do

Each week you put 100 baby chicks in one section of the starting brooder. When they are one week old put them in two sections, 50 to each section. When they are three weeks old, put them in the top section of one of the finishing brooders. At the end of the fifth week they are ready to go into the open sections of the finishing brooders where they stay until they are ready for market, which usually runs 8 to 9 weeks for a 2 lb. broiler. In this way you have a weekly output of 100 fine broilers for the market.

This 100-a-Week SOL-HOT Supreme Broiler Plant

Consists Of These Units

- One Five-Section Starting Battery (See page 32 for detailed description.)
- Two Sol-Hot Supreme Finishing Batteries (See page 35 for detailed description.)
- One Sol-Hot Humidifier (electrically operated and furnished with electric plants only.)

ADVANTAGES OF MODERN BATTERY BROODING

- 1—Income Every Week.
 - 2—Helps to Reduce Feed Cost.
 - 3—Helps to Reduce Mortality.
 - 4—Small Floor Space Required.
 - 5—Helps to Reduce Labor.
 - 6—Rapid - - Healthful Growth.
 - 7—Sanitary Conditions Easily Maintained.
 - 8—Year 'Round Operation and Income.
 - 9—It is Possible to Feed Birds Scientifically.
- (READ ABOUT THE HUMIDIFIER)

BUY A GENUINE SOL-HOT PLANT! - - COMPLETE CASH PRICE

\$220

ELECTRIC, OIL OR GAS MODELS - - ALL PRICED THE SAME

This Schedule Will Interest You! - - - Estimate Your Own Profits.

Approximate Cost of Producing a 2-Pound Broiler

Day-old Chick	\$0.07
Six Pounds of Feed @ 3c	18
Fuel Expense	01
Interest and Mortality	01
Total Production Cost	\$0.27

Rate Per Pound	20c	22c	24c	26c	30c	35c	40c	45c	50c	60c
Selling Price 2 lb. Broiler	\$0.40	\$0.44	\$0.48	\$0.52	\$0.60	\$0.70	\$0.80	\$0.90	\$1.00	\$1.20
Production Cost of 2 lb. Broiler	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27
Your Net Profit Per Broiler Should Be	\$0.13	\$0.17	\$0.21	\$0.25	\$0.33	\$0.43	\$0.53	\$0.63	\$0.73	\$0.93

Your Weekly Pay Check Should Be **\$13.00 \$17.00 \$21.00 \$25.00 \$33.00 \$43.00 \$53.00 \$63.00 \$73.00 \$93.00**

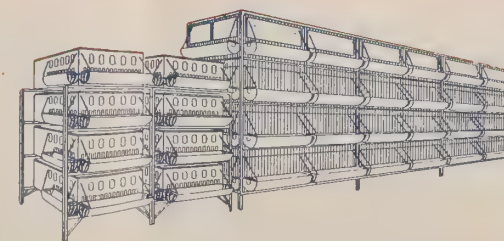
Start Now!

Add a unit every season until you have a large capacity plant. A 200-a-week plant will double your output.



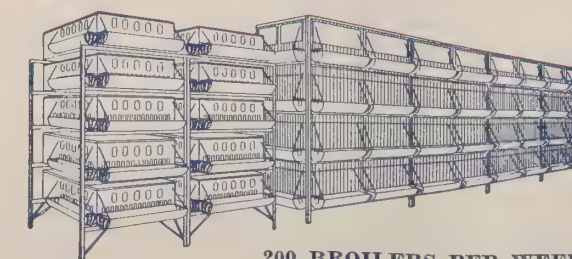
50 BROILERS PER WEEK

For the Suburbanite, back lot poultry raiser, merchant, factory worker or retired business man this is just the right sized plant. Cash Price \$128.00



150 BROILERS PER WEEK

A plant large enough to make you some real money.



200 BROILERS PER WEEK

Here is a plant that will get you in the really Big Money Class. Twice as many broilers with not nearly twice the work.

1889

Secure Your Broiler Plant From an Old-Established Company

1939

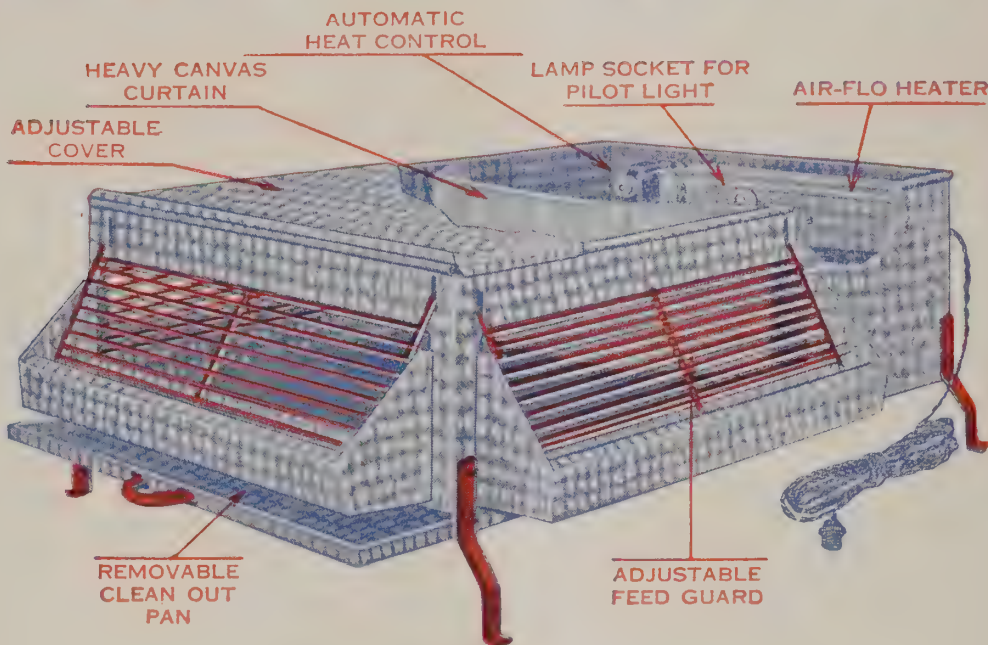




Mother Hen Brooder

**CHICK
CAPACITY**
25 to 125

**SANITARY
SAFE
CLEAN**



**AN
EFFICIENT
STARTING
BROODER**

**SPLENDID
FOR
DISPLAY
PURPOSES**

No. 9-6501—Electric Brooder. Capacity 125 day-old chicks. Drawer size 24x36 in., 9 in. high. Over-all height 13½ in. For 110 or 220 volt current (state voltage). Complete as shown. Weight 40 lbs. Price F.O.B. Quincy, Illinois **\$10.15**

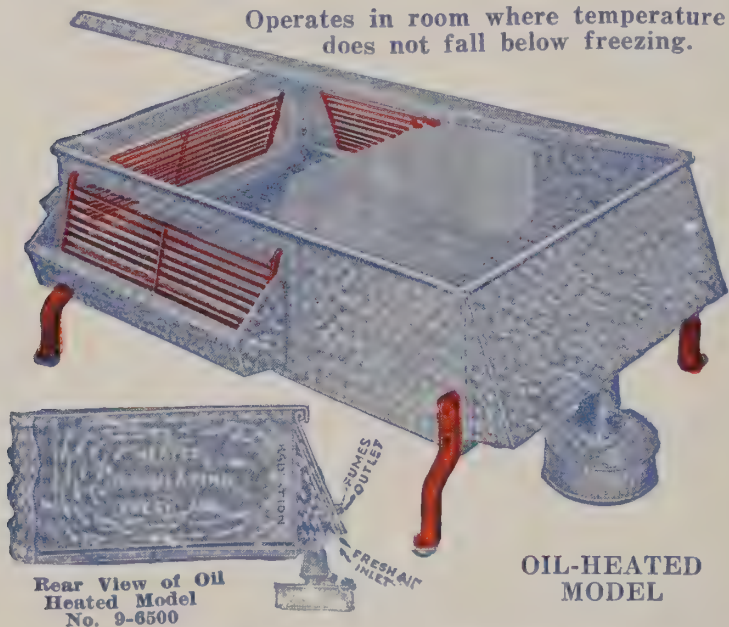
No. 9-V—Violet Light Pilot Bulb for above Brooder. Extra.....**\$0.75**

Oil and Electric Models

Sol-Hot Mother Hen Brooders are made in oil and electric heated styles. Aside from the heating unit, they are identical in design and construction. The Electric Model, shown at top of page, is for use in a room temperature of 50 degrees or over.

The New Improved Oil Heated Model operates successfully in any room where the temperature does not fall below freezing. It incorporates an entirely new heat circulating system. Lamp is located on outside of brooder—not inside with the chicks. Heat is radiated evenly. A special outlet exhausts the fumes and provides perfect combustion conditions. Note view below, showing how the Oil Heated Model operates. Height of flame determines the amount of heat produced and is hand controlled.

Operates in room where temperature does not fall below freezing.



**OIL-HEATED
MODEL**

ADVANCED AIR-FLO HEATING FEATURE—

The advanced, positively efficient Sol-Hot "Air-Flo" Heating System is employed in the "Mother Hen" Brooder. This means that the chicks are provided with preheated—properly circulated, fresh, moving air at all times. Sol-Hot recognizes the importance of overcoming the disadvantages of foul, stagnant air and with the Air-Flo Advanced Heating System perfect "conditioning" of the air in this brooder is made certain.

SUCCESSFUL—

There are a great many "Mother Hen" Brooders in use today and the owners are more than pleased with the results secured. Set up one of these splendid brooders in your garage, basement, shed—any room where the temperature is 50 degrees or over.

MODERN—

The Sol-Hot "Mother Hen" Brooder is thoroughly modern in construction—sanitary—convenient. It is built for the poultryman who wants to brood from 25 to 125 chicks and is excellent for displaying chicks in store windows or hatcheries. It is efficient as a small Starting Brooder for small capacity Broiler Plants when used with Sol-Hot Finishing Batteries.

The Sol-Hot Mother Hen Brooder is substantially constructed throughout of heavy galvanized steel and wire, and is rigidly supported by the sturdy iron legs which are bolted to the frame. The extra easy sliding top makes it easy to remove chicks. Brooder is built with two compartments, separated by a special heat retaining curtain. The brooding compartment, which houses the heating unit, has solid metal sides to confine the heat. The front section is the exercising compartment, along which the feed and water troughs extend. The water trough and dropping pan are made of rust-resisting Armco Ingot Iron.

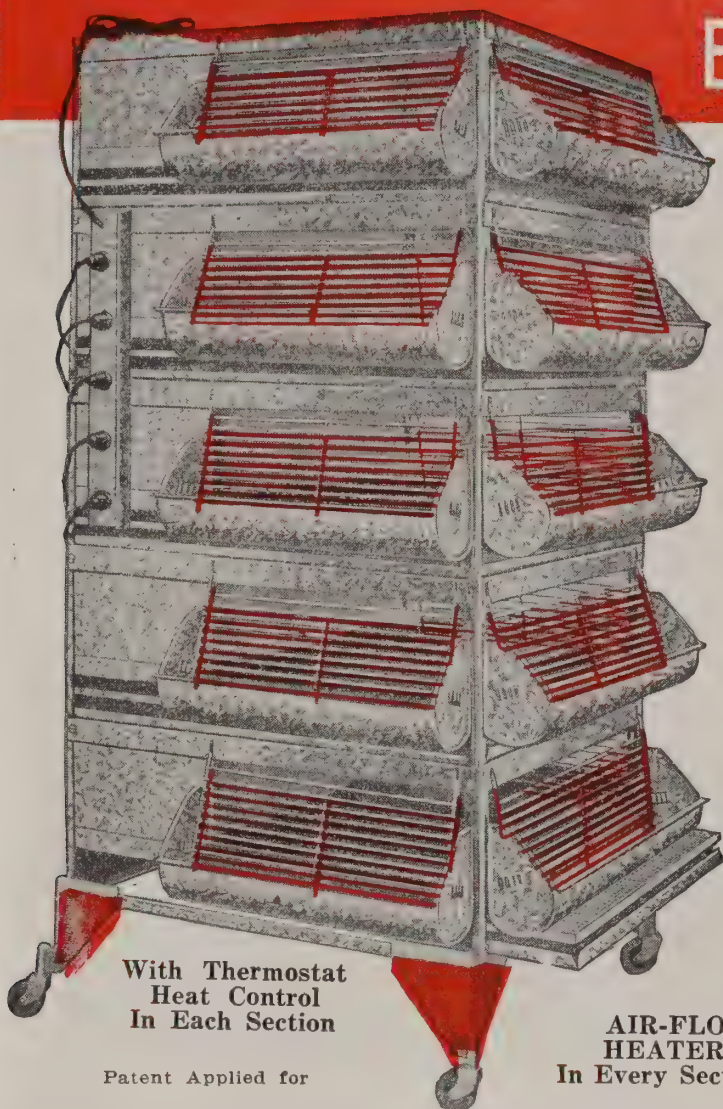
Two removable feed troughs and one Armco water trough provide ample feeding capacity and are correctly placed outside so that the chicks can eat all they want at any time but cannot waste the feed or contaminate the water. The Wire Guards are adjustable and may be quickly adjusted for chicks of any age. As the chicks grow older, these Wire Guards are moved outward over the feed troughs to widen the feed opening and give the birds easy access to the feed and water supply. The sanitary tinned wire floor of ½x½-inch mesh and the Armco dropping pan below are both instantly removable for easy cleaning.

No. 9-6500—Oil Heated Brooder. Capacity 125 day-old chicks. Drawer size 24x36 in., 9 in. high. Over-all height 13½ in. Complete with oil lamp heater as shown. Weight 48 lbs. Price F. O. B. Quincy, Ill. **\$9.90**



ADD-A-DECK

BATTERY BROODER



With Thermostat
Heat Control
In Each Section

AIR-FLO
HEATER
In Every Section

Patent Applied for

Above view shows our 5-deck Electric model complete with sturdy trucks. Each brooder comes K. D. and is easily and quickly assembled. Note convenient plug-in on side. Trucks are furnished with the 3-deck unit.

SOL-HOT ADVANCED AIR HEATING SYSTEM

The Add-A-Deck is equipped with an improved type of heating system which pre-heats the air before it enters the brooder. This advanced method of pre-heating the cold, raw air, assures the chicks of greater comfort during their development period and consequently more rapid, healthful growth. Ordinarily, chicks are forced to live in a deck where the air is stagnated, cold and unhealthy. In the Add-A-Deck you may be sure that they are living in well circulated, health-giving, properly heated air.

You can start tomorrow with your Add-A-Deck Brooder. Just think, only \$8.25 for a thoroughly dependable Sol-Hot Battery unit! Next month, buy another deck and continue until you have a complete Battery Starting System. This is the way to start a Prosperous business—just add a deck at a time!

ONE DECK—SPECIFICATIONS

Inside dimensions 11" high x 24" wide x 30" long—9 in. head room. Length over-all, including troughs—34½". Width over-all, including troughs—33½". Truck 10½" high with casters. Heaters—100 watts, 110 V. or 220 V. A.C. Be sure to state voltage when ordering. (Shipped K.D. Easily assembled.)

Catalog No.	No. of Decks	Style	Chick Capacity	Weight	Price
9-7511	One	Electric	100	32	\$ 8.25
9-7513	Three	Electric	300	95	27.40
9-7515	Five	Electric	500	147	42.60
9-7501	One	Oil	100	36	8.50
9-7503	Three	Oil	300	118	30.80
9-7505	Five	Oil	500	175	44.00

(Without Truck)
(Truck Included)
(Truck Included)
(Without Truck)
(Truck Included)
(Truck Included)

ELECTRIC AND OIL-HEATED STYLES

Here is our answer to poultrymen wanting a low-priced Battery Brooder, sturdily built and of scientific design which will brood chicks as successfully as larger brooders. The individual units of this Battery are so made that you can start with one or more decks and add others at any time. Feeders are extra large, deep, non-waste type. Convenient, adjustable red enameled grids over all troughs. Heaters are 100 watt enclosed, "Air-Flo" Heater type, which greatly increases their efficiency, enabling brooder to operate in a room temperature as low as 50 degrees. The single unit has a large door in cover for removing chicks. In other units the convenient grids allow easy access to compartments.

FULLY EQUIPPED—SANITARY

Each deck is provided with an automatic snap action switch and pilot light socket, (no radio interference). Strong ½" mesh galvanized wire floors slide into recessed channels on both sides of each compartment to insure sanitation at points where droppings otherwise usually lodge. Both screen floors and drop pans removable from front of brooder. A non-ravelling curtain divides compartment into cool and warm rooms, so chicks can escape from heat to insure hardy chicks. A plug-in panel is provided on 3 and 5 deck models.

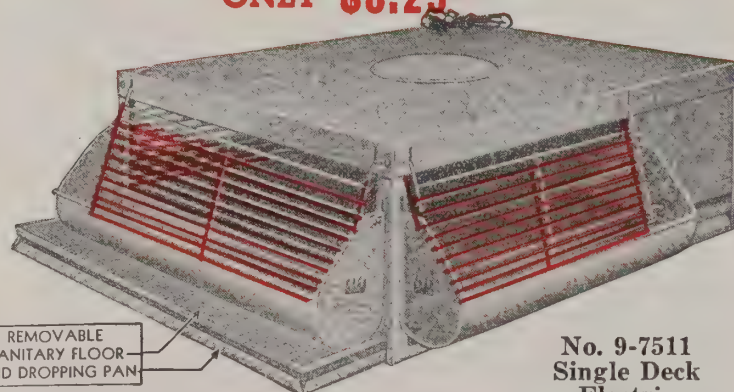
SOL-HOT LATEST THREE-FUNCTION OIL HEATER

The oil models are furnished in single deck, three deck and five deck sizes. They differ from the Electric Models in the method of heating. The single deck "Air-Flo" Oil Heater is similar to the No. 9-6500, illustrated on page 38. The three and five deck models are equipped with a large kerosene (coil oil) Burner, and a special heating chamber (similar to the equipment illustrated on page 41.) An exclusive "Air-Flo" Heater works three ways: 1st—heats; 2nd—ventilates; 3rd—recirculates air. Positively no fumes inside of Brooder. Economical in oil consumption. You can operate the oil model in a room temperature of 32 degrees without fear of chick loss. This tried and tested Heater is rendering satisfactory service to users every day, and you need not hesitate to choose oil heat if an electric style is not available. The temperature is controlled by merely adjusting height of flame.

ELECTRIC ECONOMY

The Add-A-Deck Brooder has proven its low cost of operation under careful tests. Current consumption will run approximately 2 to 4 K. W. H. per 24 hours, depending upon room temperature. The average consumption is about 3 K. W. H. This will equal 9 cents per day on a 3 cent rate.

THINK OF IT! A GENUINE SOL-HOT UNIT
ONLY \$8.25



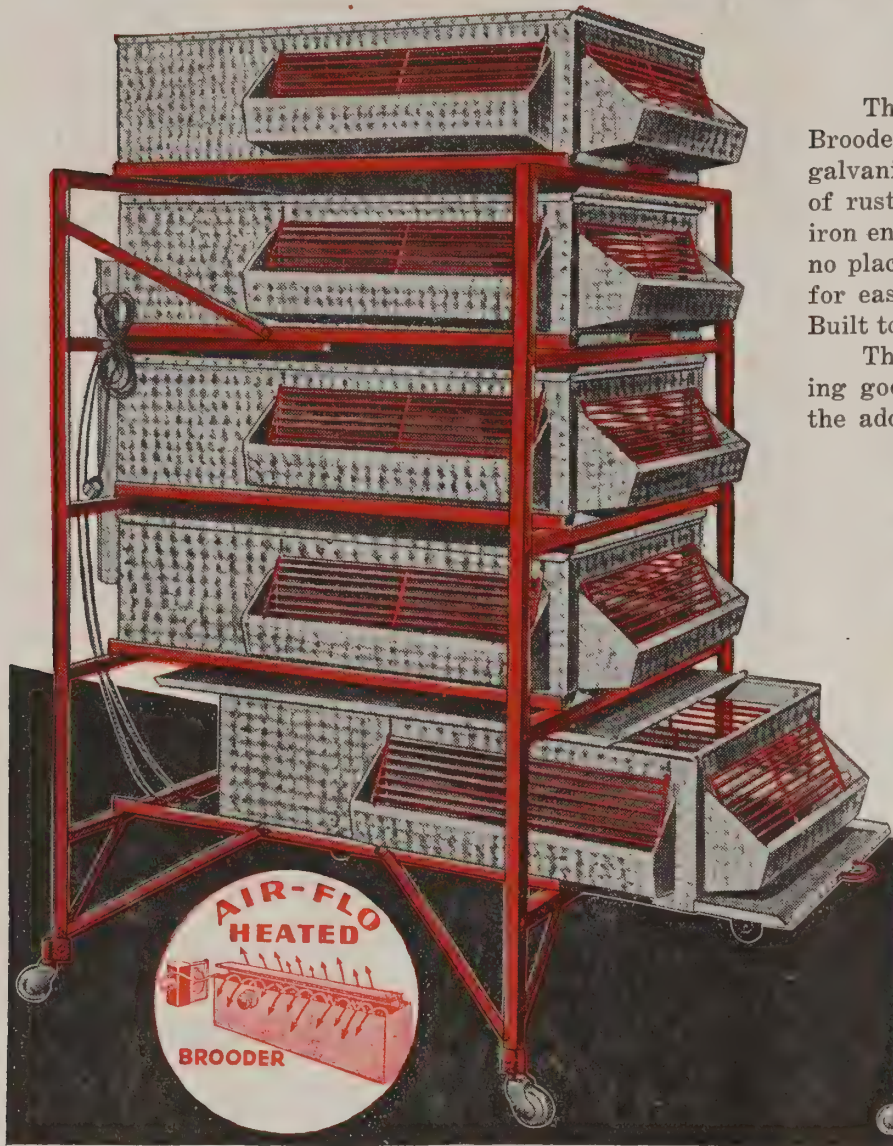
No. 9-7511
Single Deck
Electric

The above view shows our single unit Electric model. Note convenient, removable tray and floor. Comes K. D. in carton complete with 8-ft. cord, automatic switch, and pilot light socket. Can be quickly and easily assembled. Complete instructions accompany each brooder. Start your Add-A-Deck now, and add other decks as needed. You can't go wrong on Add-A-Deck.



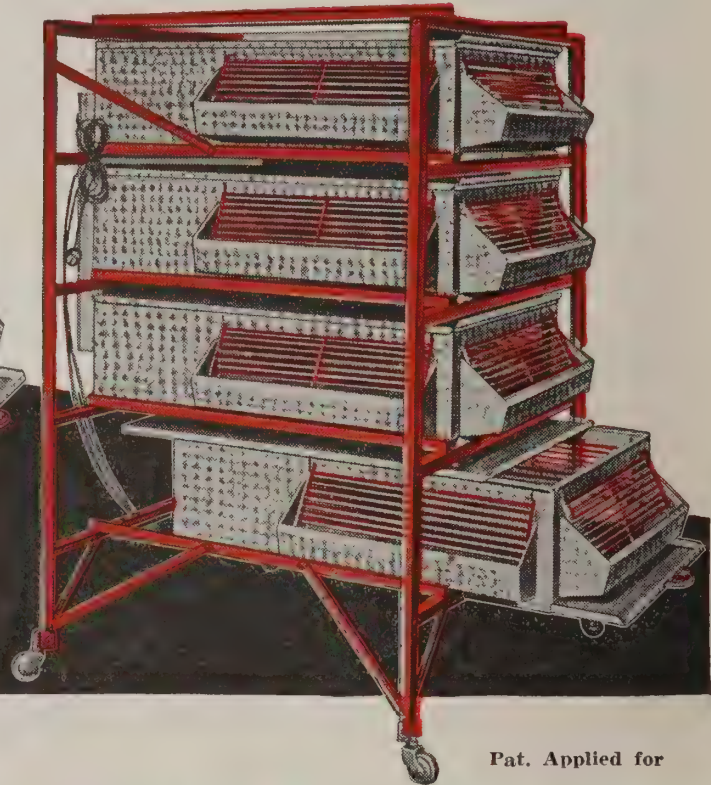
Standard Battery Brooders

WILL GIVE YEARS OF SERVICE



The Sol-Hot Standard "AIR-FLO" Electric Battery Brooder is substantially built throughout. Drawers of heavy galvanized steel and wire. Water troughs and dropping pans of rust-resisting Armco Ingot Iron. Frame of heavy angle iron enameled red. No wood parts to warp, split or crack . . . no place to harbor lice and disease germs. All parts accessible for easy cleaning. Smooth turned edges add to its rigidity. Built to last . . . gives years of satisfactory service at low cost.

This is the same dependable brooder which has been giving good service to poultrymen . . . and now improved with the addition of Sol-Hot's New "Air-Flo" Heater.



Pat. Applied for

SOL-HOT PORTABLE RACKS

Two sizes of racks are furnished—one for 2- and 3-drawer units and the other for 4- and 5-drawer brooders. This permits easy expansion when needed. You can start with a 2- or 4-drawer Brooder, and later on increase your capacity by simply adding an extra drawer. Or you can start with the single unit and buy the rack later on when you are ready for more drawer units. Prices for the racks are listed below.

EVERY DRAWER A COMPLETE BROODER

Each and every drawer slides out of the rack as a complete brooding unit and can be sold outright . . . chicks and all . . . to customers wanting fifty to a hundred chicks. Each drawer is fully equipped with electrical equipment, including a 100-watt Sol-Hot "Air-Flo" Heating Element, Electric Thermostat Heat Control, cord and socket for pilot light and embodies worthwhile essentials of efficient brooder design.

SPECIFICATIONS AND PRICES

All Brooders are complete as illustrated shipped knocked down with operating instructions. Easily assembled. Capacity based on day-old chicks, at the rate of 125 chicks to each drawer. Furnished for 110 or 220 voltage, alternating or direct current. Be sure to state voltage when ordering. Can also be operated from any electric light socket.

No.	Description	Chick Capacity	Width Over-All	Height Over-All	Drawer Depth	Weight	Price Complete
9-6501	Single Drawer Unit with Legs	125 day-old	24x36 in.	13½ in.	9 in.	40 lbs.	\$10.15
9-6502	2-Drawer "Air-Flo" Battery	250 day-old	37x38 in.	36 in.	9 in.	125 lbs.	28.55
9-6503	3-Drawer "Air-Flo" Battery	375 day-old	37x38 in.	47 in.	9 in.	160 lbs.	38.45
9-6504	4-Drawer "Air-Flo" Battery	500 day-old	37x38 in.	62 in.	9 in.	220 lbs.	51.25
9-6505	5-Drawer "Air-Flo" Battery	625 day-old	37x38 in.	73 in.	9 in.	260 lbs.	60.70
No. 9-V—Violet Light Pilot Bulb, recommended for use in above Brooders, price each 75c; six \$4.50; dozen 8.50							
No. 9-3F—Portable Rack with Electric Panel, for 2 and 3 individual drawer units, wt. 38 lbs., price 12.00							
No. 9-4F—Portable Rack with Electric Panel, for 4 and 5 individual drawer units, wt. 65 lbs., price 14.10							

All Brooders Shipped K.D. Easy To Assemble. F.O.B. Quincy, Ill.

TAKE ADVANTAGE OF OUR CONVENIENT CREDIT PLAN—ORDER NOW!

Standard Battery Brooders

Have New Air-Flo Heaters

ADAPTED FOR MANY USES

By constructive design and years of careful study of the chick and broiler problems, Sol-Hot has produced a fine battery for the chick-raising world. The "AIR-FLO" Battery takes all the guess work out of battery brooding. It operates in any room where the temperature does not fall below 50 degrees—and it is built compact and requires very little floor space.

It is especially adaptable for use in Broiler Plants where it is used as a Starting Brooder. Here the chicks are raised for the first three to five weeks . . . and are then transferred to Finishing Batteries. Breeders and farmers' wives find the "AIR-FLO" Battery ideal for starting their chicks. Hatcheries find this Battery ideal for display purposes and use it extensively for chick storage. Each drawer is a complete brooding unit, any number of drawers may be used at a time. Chicks in Standard Brooders can be marketed as "started" chicks also . . . or they can be transferred after several weeks to Growing and Finishing Battery Sheds and finished out as broilers or started pullets.

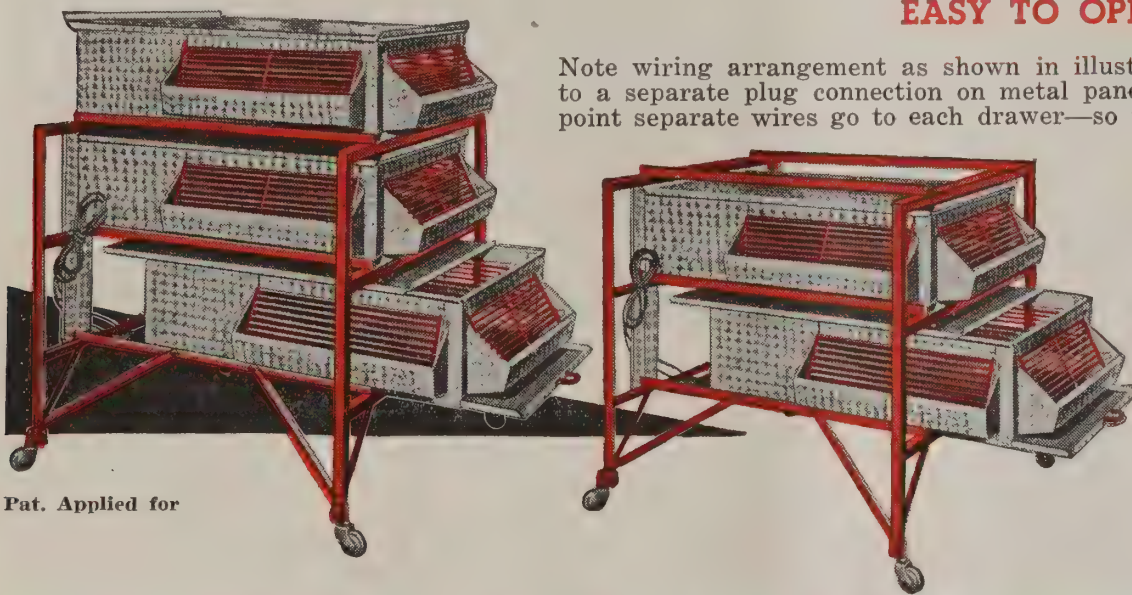
WE INVITE COMPARISON OF SIZE, MATERIAL AND CONSTRUCTION

The drawers are extra large and roomy, durably constructed of heavy galvanized steel and wire. Each drawer 24x36 in., 9 inches high, with a heat-retaining curtain separating the brooding section from the exercising compartment at front. The solid metal sides confine the heat in the brooding compartment. Two removable no-waste feed troughs and one rust-resisting Armco Ingot Iron water trough on each drawer provide ample space. Troughs are correctly placed. The adjustable Wire Grids are adjustable to permit chicks of any age to eat and, at the same time, keep down feed waste.

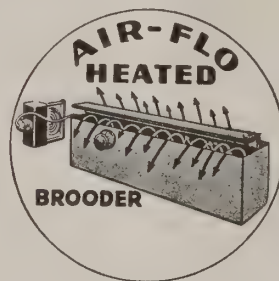
In each Drawer an "Air-Flo" 100-Watt Heating Element furnishes all the heat needed at reasonable operating cost. A Sol-Hot Automatic Electric Thermostat Switch controls the temperature to the desired degree—without radio interference. Each drawer is fitted with a sanitary removable floor of heavy tinned wire $\frac{1}{2} \times \frac{1}{2}$ -inch mesh, through which the droppings fall to the removable clean-out tray below. The Dropping Pans are made of rust-resisting Armco Ingot Iron. The adjustable removable slide top makes it easy to remove chicks from any drawer.

EASY TO OPERATE

Note wiring arrangement as shown in illustration. Only one lead from socket to a separate plug connection on metal panel on the brooder rack, from which point separate wires go to each drawer—so that any number of drawers can be operated at a time as desired. All that is required is to place plug in socket.



Pat. Applied for



SOL-HOT STANDARD OIL AND GAS HEATED BATTERY BROODERS EQUIPPED WITH "AIR-FLO" HEATERS

In localities where electricity is not available, poultrymen may do battery brooding with Sol-Hot's Oil and Gas Burning Brooders which are desirable for use in non-heated rooms. The gas or oil heater will supply all the heat needed for the brooder and in addition furnish heat for a room 10 ft. square. We recommend them to be operated in any room where temperature does not fall below freezing. Made in two sizes only.

Construction is similar to the Standard Sol-Hot Electric Battery above. The only difference is in the heating system. Heat is supplied by an exclusive Sol-Hot warm air circulating system, which derives its heat from the powerful burner installed at the rear. The Oil Model has a large kerosene (coal oil) burner, as shown, which furnishes heat for the brooder. Uses about one gallon of oil in 24 to 48 hours.

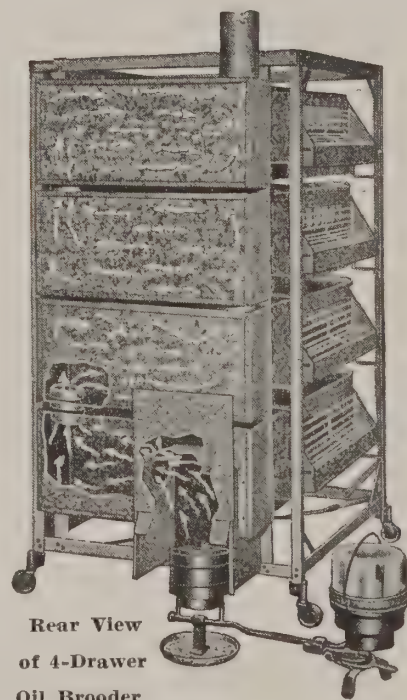
Temperature in the heating chamber is controlled by height of flame. Individual drawer temperature is regulated by moving the drawers closer to or farther away from the heat chamber. The Gas Heated Model has the same heating arrangement but is equipped with a dependable gas burner for natural or bottled artificial gas. Comes complete, ready to operate. Specify kind of gas used, when ordering.

TWO SIZES—LOW IN PRICE

Oil Brooder Number	Gas Brooder Number	Number Drawers	Chick Capacity	Height Over-All	Width Over-All	Weight Complete	Price Complete
9-6544	9-6G44	4	500	62 in.	37x47 in.	275 lbs.	\$52.30
9-6555	9-6G55	5	625	73 in.	37x47 in.	325 lbs.	61.75

SHIPPED K. D. F.O.B. QUINCY, ILL. EASILY SET UP

Page Forty-one

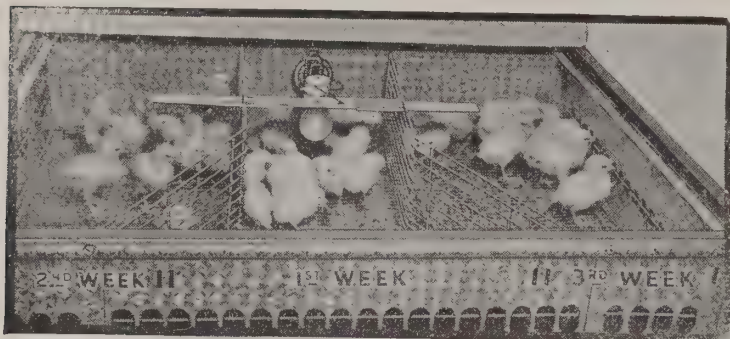


A Complete Broiler Plant for only \$59.50

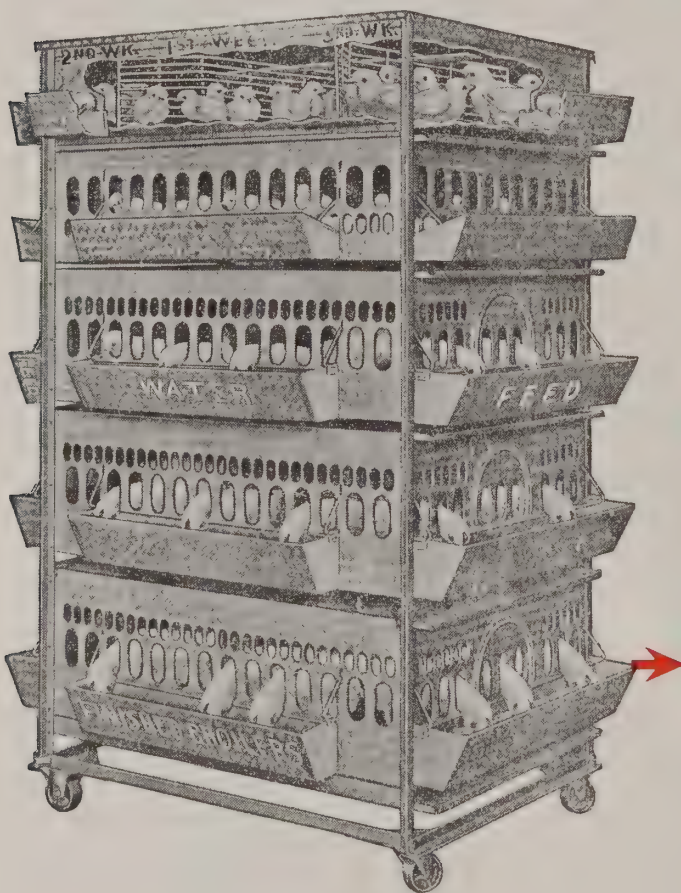
The **SOL-HOT** "Money Maker" Complete Starting and Finishing Equipment—All-in-One

Business Men, Farmers, Professional Men, 4-H Club Boys and Girls, Farmers' Wives, Factory and Office Workers—do you have a few hours spare time?

TURN YOUR SPARE TIME INTO CASH!
Should Earn \$5.00 to \$8.50 Each Week



This view shows the top deck of the Electric Model with lid and heat retaining curtain removed to show the arrangement of the brooding compartments and heating equipment. Note the three compartments which take care of the chicks for the first three weeks of their development. This deck is 9 inches high.



Quality Construction—Low Price

Sturdily built throughout of heavy galvanized steel. Five decks high—each deck 30x40 inches. All water troughs and dropping pans are made of rust resisting ARMCO Ingot Iron. The frame is of one-inch angle iron, mounted on heavy duty, easy-rolling casters. Wire floors, dropping pans and feed and water troughs are easily removed for cleaning and disinfecting.

DIMENSIONS: Over-all size of Battery—Length 51 in. Width 37 in. Height 70½ in. Shipped knocked down; easily and quickly assembled. Complete instructions furnished for assembling and operating.

Oil and Electric Models

No. 9-25E5—Money Maker—Electric Model. For operation on 110 or 220 volt A.C. or D.C. (Specify voltage). Shipping Wt. 286 lbs.

No. 9-2505—Money Maker—Heated Unit. Fitted with a dependable, kerosene-burning Oil Lamp Heater with No. 3 double-wick burner in top deck. Shipping Wt. 293 lbs.

F. O. B. Quincy, Ill.

\$59.50

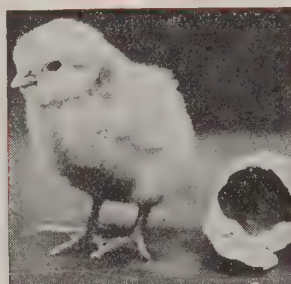
\$59.50

CAPACITY 25 BROILERS PER WEEK

The Sol-Hot Little Money Maker should produce 25 quality broilers a week starting 25 chicks each week . . . or one hundred chicks may be put into the Battery at one time and carried through to broiler size. Operated on a weekly basis, the Money Maker should pay you a profit of \$8.50 a week. You can safely figure on production cost of about \$6.50 for twenty-five broilers. This would allow \$1.50 for the twenty-five chicks at a cost of 6c each; \$4.50 for 150 lbs. of feed at 3c per lb., and 50c for heat, mortality, etc. You should get an average of 30c per pound retail for 2-lb. broilers, which would mean a market value of \$15.00 on the twenty-five broilers. Remember—they cost you only \$6.50 to produce! This would leave you a profit of \$8.50 on the lot, and these figures are fairly typical and conservative. Think of it! An extra income of \$8.50 per week for just a few hours' work in your spare time. This would mean \$442.00 or more per year for you! Double your capacity and you should double your income! Install more of the Money Maker Units and you step up your income to a very sizable figure. It all depends on how much you want to invest . . . how much money you want to make! It's all up to you!

THIS LITTLE CHICK IS WORTH
A FEW PENNIES

Ready To Put Through The
Broiler Plant



Buy this little chick for a few cents. Give it a clean . . . comfortable . . . warm place to live . . . properly selected food . . . clean water. Simple enough, is it not? Yet in a few short weeks, the little chick will develop into a fine, vigorous, healthy bird—ready for market. Sol-Hot Top-Quality Broilers bring Top-Notch Prices.



8 WEEKS LATER

Ready To Sell As A Choice Broiler

THREE BROODING COMPARTMENTS IN TOP DECK

Top Deck of Electric Plant has a 100-watt "Air-Flo" Heater, Pilot Light and Automatic Thermostat Heat Control, guaranteed against Radio Interference, with heat retaining curtain which provides two different temperatures for the baby chicks. Furnished complete for operation on 110 or 220 volt AC or DC current. It is 9 inches high.

The Second Deck has two compartments for growing chicks where the chicks are developed until ready for the finishing decks below. It is 12 inches high.

The Third Deck is 12 inches high and is the first of the three finishing drawers. Like the second deck, it has two compartments.

The chicks are placed in the Two Lower Decks for the last period of their development. They remain here until they are 2 or 2½ pound birds — fine, well-flavored broilers, ready for market.

LET US SEND YOU A
MONEY-MAKER
THIS WEEK!

The Sol-Hot Money Maker is the first practical, well constructed, all-in-one Broiler Plant Unit ever offered at such a low price! Our many years' experience in broiler raising and skill in manufacturing have been drawn upon in the making of this new Broiler Battery. The Money Maker is just what its name implies, for—operated on a weekly schedule—in just eight weeks after the first chicks have been put into the battery, it will begin to turn out finished broilers and from then on should pay you a nice weekly profit on your broiler output. It is sanitary and convenient—so simple to operate that a son or daughter can care for the Plant before and after school hours. It is built compact—a space 8x10 feet in a spare room, basement or garage is all that is needed. Made of the same long-lasting materials as used in all Sol-Hot Battery Brooders, it should not be confused with the flimsily constructed competitive batteries that are built to sell on price and price alone.



100-A-Week Standard Broiler Plant

THIS PLANT CONSISTS OF ONE No. 6505 5-SECTION
STARTING BATTERY (see page 40)

TWO No. 4216 FINISHING BATTERIES
(see page 35.)



Designed For Those
Who Prefer Enclosed
Style

No. 9-4216 Finishers are illustrated. No. FB8S Finishers may also be used.

How to Schedule Your Chicks Through the Sol-Hot Standard Broiler Plant in Eight to Ten Weeks' Time

STEP NO. 1—

1st week—Put 100 day-old chicks in top drawer of the starting battery.

2nd week—Chicks in top drawer can be divided into the next two lower drawers. Put fifty in each drawer. Start 100 more chicks in top drawer.

3rd week—The oldest chicks are ready to transfer to two lower drawers of starter—the ones in top drawer divided into 2nd and 3rd drawers—starting another 100 chicks in top drawer, etc.

4th week—Now put the oldest chicks in the top drawers of the first finisher. You will have two of the finishing batteries with every 100-a-week Broiler Plant.

STEP NO. 5—

5th week to 10th week—The fifth week the next oldest chicks are transferred to the top deck of other finisher. The sixth week, the chicks first put into the Growing Compartments of the Finishing Batteries, are transferred to the drawers below. These are the finishing sections of the broiler plant and the chicks remain here until they are ready for market.

The Broilers pay you back what you paid for their Plant—You will have ready for market every week 100 fine, juicy, tender, top-quality broilers, ready to command the very best price on the best market.

START NOW! Let the Broilers Buy Their Own Plant

Units Number	Description	Height	Width	Brooding Space	Weight Each	Price Each	Amount
1 9-6505	Electric Starting Brooder	73 in.	37x38 in.	4320 sq. in.	260 lbs.	\$60.70	\$ 60.70
2 9-4216	Growers and Finishers	72 in.	50x72 in.	19200 sq. in.	400 lbs.	81.40	162.80
Total Cost of Complete 100-a-Week Standard Broiler Plant, 3 Units, Ready to Operate.....							\$223.50

F. O. B. Quincy, Ill. Shipped K. D. Easily set up

SEE PAGE 4 FOR EASY PAYMENT TERMS

There Is A Sol-Hot Brooder To Meet Every Need

Sol-Hot Hot Water Broiler Plants

From 200-a-Week to 1000-a-Week, 2000-a-Week Capacity

If you plan to enter the broiler raising business on a large scale, the Sol-Hot Hot Water Battery Brooding System is exactly what you want. These plants are made up of Sol-Hot Hot Water Style Starting Brooders and Sol-Hot Finishers. Choose either the FB8S style Finishers (see page 35) or the 9-4216 Finishers (see page 34) to make up the finishing equipment for your Hot Water Style Broiler Plant. In addition to the Starting Batteries and Finishing Batteries, these Broiler Plants have a boiler as part of their equipment. These boilers are available in Coal-burning, Oil-burning, or Gas-burning models. Choose the most economical style for your requirements. Use whatever fuel is the cheapest in your locality. All styles are highly efficient.



200 Broilers a Week With this Plant

HOT WATER PLANTS NOT AVAILABLE IN 100-A-WEEK CAPACITY SIZE

Install a 200-a-Week Broiler Plant Now! Build up to 2000-a-Week Capacity!

This is the Broiler Plant for Quantity Production

Here is the ideal Plant for the one who wishes to build up a mammoth, independent business of his own and increase his income. It consists of one ten-drawer Hot Water Starting Battery and four No. 9-4216 Growing and Finishing Batteries. View shows the Sol-Hot Broiler Plant equipped with Oil Burning Heater, No. 210H, which has ample capacity to take care of the brooding requirements. However, where no other provision has been made for heating the Growing and Finishing Rooms—it is recommended that the No. 9-400 Boiler be used to provide a room temperature of about 70 degrees. No other heater is required in the building when the No. 9-400 Boiler is installed. You simply attach radiators or a pipe coil system, placing same in the Growing and Finishing Rooms. Your operating cost is low for you can brood large quantities of chicks at a time. The big No. 9-400 Boiler will furnish the chicks with an abundance of warm, moist air—not dry heat, but soft, steady heat that will grow better birds for you.

Price estimates on Hot Water Broiler Plants of 300-a-week, 400-a-week, 500-a-week and 1,000-a-week Plants will be submitted upon request. Write for our very attractive time payment offer on large capacity plants.

200-PER-WEEK BROILER PLANT

NOTE:—We offer two styles of Finishing Batteries with these Hot Water Style Broiler Plants. When sending in your order, please state type of Finishing Battery you prefer.

No. 9-400—Coal Burning Hot Water Boiler furnished on above Starting Batteries, in place of the Oil Heater, at an extra charge of.....**\$21.00**

- | | |
|--|-----------------|
| 1 No. 9-2010 10-Drawer Sol-Hot Hot Water System complete with Oil Heater as shown on page 45. This is the starting equipment for the 200-a-week Hot Water Plant..... | \$288.75 |
| 4 No. 9-4216 Growing and Finishing Batteries at \$81.40 (The Finishers illustrated above are the 9-4216 style). | 325.60 |
| Total Cost of 200-a-week Plant with 9-4216 Finishers | |
| | \$614.35 |

If you prefer Sol-Hot Supreme Finishing Batteries, the price of the 200-a-week Hot Water Plant would be as follows:

- | | |
|---|-----------------|
| 1 No. 9-2010 10-Drawer Sol-Hot Hot Water System complete with Oil Heater as shown on page 45 (also illustrated above)..... | \$288.75 |
| 4 FB8S Sol-Hot Supreme Finishing Batteries at \$80.00 each..... (See page 35 for detailed description of these finishers). | 320.00 |
| Total Cost of 200-a-week Plant with FB8S Finishers | |
| | \$608.75 |

Hot Water Starting Brooder

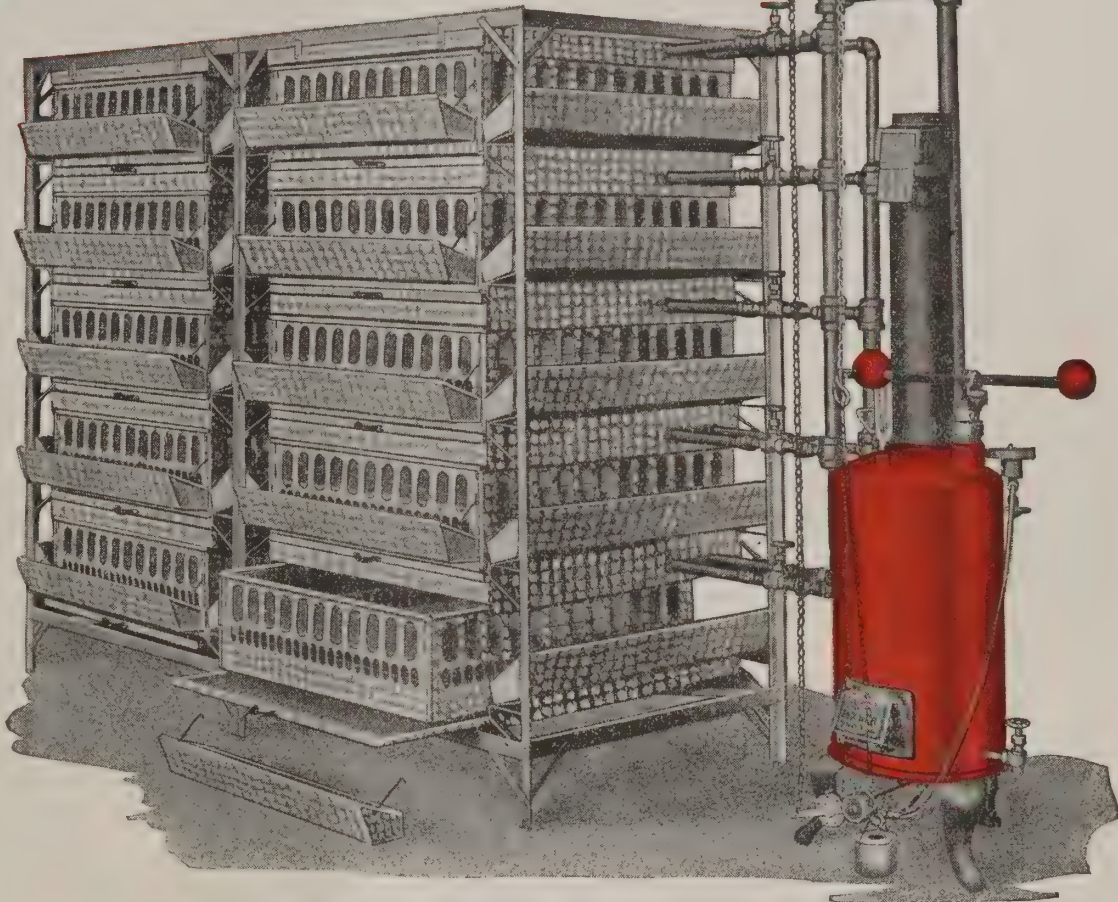
For Finishers See
Pages 34 and 35

LARGE CAPACITY - - FROM
1600-3300 AND UP

It saves time, for the chicks grow by leaps and bounds. It saves labor, for the birds can be attended to in just a few minutes a day. It saves fuel, for there is only one fire and a small amount of fuel will run it all day. It grows better birds, for the hot water supplies soft, steady heat and helps them over the critical time in the life of a chick. It saves floor space, for with this System, you can raise more chicks in an ordinary room than you can using older methods. The heat is supplied by a series of hot water heating pipes which run along over the top of the drawers near the back. This puts the heat correctly over the backs of the chicks.

Hot Water Battery Brooding is the real way to raise Broilers, Pullets, and Started Chicks in quantity. It is the big system . . . the one in favor by the man who demands that quantities of high-class birds be produced at the lowest possible cost.

By all means, consider this battery if you contemplate going into brooding on a commercial scale. It is not only recommended for chicks, but is also ideal for brooding turkey poults.



No. 9-2010 Sol-Hot Hot Water Starting Battery with Oil Heater

All Steel Construction Throughout

A most sanitary brooder. Constructed entirely of steel. No wood parts to warp, split, crack, or harbor lice and mites. Every part cleanable and easy to clean. Frame staunchly built of angle iron, securely braced. Drawers are removable. Built large and roomy of heavy galvanized steel with all edges rolled smooth for extra strength. Inside dimensions 33x35 inches, 11 inches high. Well ventilated and plenty large enough for full size broilers, ducklings, or poults. Removable Armco Ingot Iron clean-out trays fit snugly under the heavy, galvanized tinned wire floors. No floor drafts. Feed holes have special adjustment to take care of any size chick or broiler. When chicks grow too large to feed through the bottom holes, simply remove screen windows and raise troughs to level of upper holes. Two feed troughs and one rust-resisting Armco Ingot Iron water trough on each drawer, correctly placed outside to avoid contamination of feed and eliminate feed waste. All drawers fitted with tinned wire floors of ½x½-inch mesh. Special valves in piping system allow the operator to regulate the temperature in each deck within the range of 70 to 100 degrees, irrespective of other decks. This means correct temperature for all chicks, regardless of age.

The Sol-Hot Hot Water Systems, listed below, are complete in every detail. They include the Battery Units in 5-drawer tiers and an efficient hot water heating system, with Oil, Gas, or Coal Heater as ordered. Easily assembled. Shipped knocked down, in sections, with all necessary fittings, piping and full directions for erecting and operating.

Oil, Coal or Gas Heated

These Hot Water Systems are furnished for Oil, Coal or Gas Heat. The Oil Burning Models come equipped with the efficient No. 210H Oil Heater, as shown above. This oil burner operates successfully on either cheap fuel oil—38-40 distillate—or kerosene (common coal oil) and is unusually economical in fuel consumption. Uses only 2 to 5 gal. a day and is furnished with a large 8 gal. oil tank.

On the Coal Burning Systems, Sol-Hot regular No. 150 Boiler with coal grates is standard equipment at the prices listed below. Where Gas Burning equipment is desired, Sol-Hot

No. 9-911 Gas Burner with copper heating coil is installed in the No. 150 Boiler at an additional charge. (Gas Burner is also furnished for bottled gas on special order.)

The No. 150 Boiler has ample capacity to take care of as many as 20 brooder drawers. If additional Battery Units are to be added later, or if additional radiation is needed for the growing and finishing rooms in the Broiler Plant—then our No. 9-400 Boiler is recommended and will be furnished on order at an additional cost (in place of the No. 150.)

Recommendations for Broiler Plants

For a 250-per-Week Broiler Plant, use

- 1 No. 9-2010 Battery Brooding System with No. 9-400 Boiler for starting the chicks ..\$309.75
- 5 No. FB8S Growing and Finishing Batteries (page 35) at \$80.00... 400.00
- Total Cost of Equipment\$709.75

For a 500-per-Week Broiler Plant, use

- 1 No. 9-2020 Battery Brooding System with No. 9-400 Boiler for starting the chicks ..\$488.00
- 10 No. FB8S Growing and Finishing Batteries (page 35) at \$80.00... 800.00
- Total Cost of Equipment\$1288.00

The above equipment is complete—there is nothing else to buy. A suitable, well-ventilated building, plus this equipment, makes a fine Broiler Plant.

WRITE FOR TERMS

Specifications and Prices

Catalog No.	Complete with Heater Specify type of heater wanted	Number of Drawers	Day Old Chick Capacity	Length Over-All	Width Over-All	Height Over-All	Shipping Weight	Complete System
9-2010—Hot Water Starting Battery	No. 210H Oil or No. 150 Coal Boiler	10	1650	10 ft.	3½ ft.	7 ft. 4 in.	1150 lbs.	\$288.75
9-6001—Hot Water Starting Battery	No. 210H Oil or No. 150 Coal Boiler	15	2475	13 ft.	3½ ft.	7 ft. 4 in.	1600 lbs.	378.00
9-2020—Hot Water Starting Battery	No. 210H Oil or No. 150 Coal Boiler	20	3300	16 ft.	3½ ft.	7 ft. 4 in.	2100 lbs.	467.25
9-911—Gas Burning Equipment	Installed in No. 150 Boiler, extra charge							42.00
9-400—Coal Burning Boiler	furnished on above Systems (in place of No. 150) at extra charge of							21.00
9-521—Additional 5-Drawer Battery Unit	with piping, ready to attach to any of above Systems, price per 5-Drawer Unit							89.25

All Prices F. O. B. Quincy, Ill.

There Is A Sol-Hot Brooder To Meet Every Need

Sol-Hot Display Batteries

for—

Hatcheries

Feed Stores

Broiler
Producers

Dealers

CONSTRUCTION FEATURES

- A—Glass Door opened to the first notch for minimum ventilation.
- B—Glass Door fully open. This adjustment for maximum ventilation.
- C—Shows how the doors swing down, making the brooder completely accessible.
- D—Here the Door is entirely removed for hot weather use.
- E—View showing door fully closed.
- F—Door opened to "halfway" adjustment for medium ventilation.
- G—Removable Dropping Pan of rust-resisting Armco Ingot Iron.
- H—Wire Guard is quickly tipped outward and dropped down to give operator free access to the compartments for removing chicks.
- J—Big capacity, no-waste design feed and water troughs, on three sides.
- Y—Violet Light Pilot Bulb.



1000 Chick Capacity
9-8006 \$99.75

Sanitation is Absolute. Tinned wire Floors (not common hardware cloth), Dropping Pans, Center Partitions, Feed Troughs and the leak-proof Armco Ingot Iron Water Troughs... all are instantly removable for easy cleaning. The sanitary Wire Floors are of $\frac{1}{2}$ x $\frac{1}{2}$ -inch mesh.

1 Sturdy Construction. Made throughout of heavy galvanized steel and wire. Frame of 1x1x $\frac{1}{4}$ -inch angle iron. Mounted on easy-rolling casters. Conveniently moved about when filled with chicks.

2 Big Capacity. Ample room for 165 chicks on each deck, allowing 7 sq. in. for every chick. 1155 sq. in. floor space per deck. Each deck divided into 2 compartments by a center wire partition which permits showing two breeds on a deck; also makes it easy to catch the chicks.

3 Low Cost Heat. New "Air-Flo" Heater effects saving in operation cost over former electric brooding methods.

4 Approved Electrical Fixtures. All wiring and fixtures are of the highest quality, and will pass the most rigid inspection.

5 Individual Automatic Thermostat Heat Control for each deck. Controls temperature with split-degree accuracy. Guaranteed against radio interference.

6 No-Draft, Adjustable Lustraglass Doors (or windows) on three sides give a clear vision to interior. Quickly adjusted for ventilation. Protected by wire guards to keep glass clear and prevent contamination of feed and water.

7 Available in natural galvanized finish with painted frame, or in a special 3-Color Combination Enamel Finish of Ivory, Royal Blue, and Red.

8 Decks Individually Heated. Each deck heated with new 100-Watt "Air-Flo" Heater. It heats, circulates and ventilates. An extra heating element is furnished under bottom deck. A Violet Light Bulb acts as a Pilot Light in each deck, also helps to prevent cannibalism, etc.

"Air-Flo" Heater Advantages

- 1—Heats quickly and abundantly.
- 2—Preheats all incoming air.
- 3—Recirculates air inside brooding compartment.
- 4—Breaks up air stagnation and forces overhead heat down to chicks.



TWO SIZES

No. 9-8004—Sol-Hot Glass Display Brooder.
Capacity 660 chicks. 4 decks high, each deck 33x35x8 inches. Eight Compartments. Affords 4620 sq. in. of brooding space. Over-all Size: Height 65 inches. Width 41 inches. Depth 40 inches. For 110 volt Alternating Current. Shipping weight 296 lbs. Natural Galvanized Finish. PRICE
Special 3-Color Combination Enamel Finish on the above Brooder—Ivory, Royal Blue, and Red. Extra charge for paint job....\$3.75
F. O. B. Quincy, Ill.

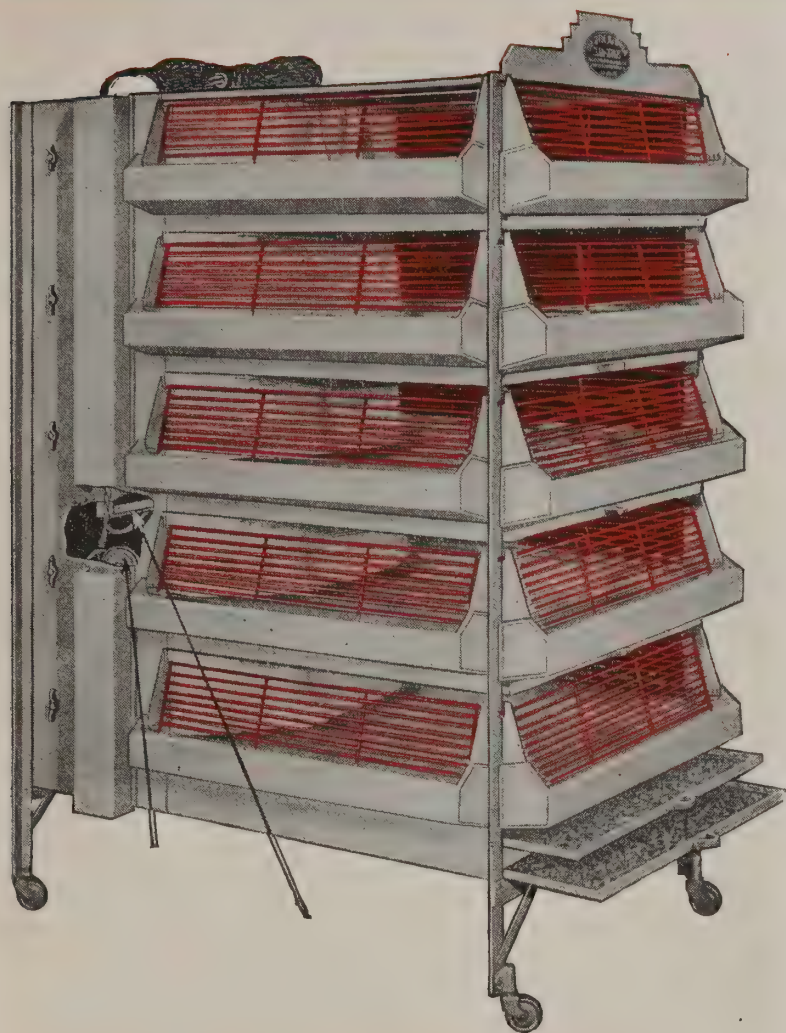
\$78⁷⁵

No. 9-8006—Sol-Hot Glass Display Brooder.
Capacity 1000 chicks. 6 decks high, each deck 33x35x8 inches. Twelve Compartments. Affords 6930 sq. in. of brooding space. Over-all size: Height 75 inches. Width 41 inches. Depth 40 inches. For 110 volt Alternating Current. Shipping weight 406 lbs. Natural Galvanized Finish. PRICE
Special 3-Color Combination Enamel Finish on the above Brooder—Ivory, Royal Blue, and Red. Extra charge for paint job....\$3.75
F. O. B. Quincy, Ill.

\$99⁷⁵

There Is A Sol-Hot Brooder To Meet Every Need

There Is A Sol-Hot Brooder To Meet Every Need



THE ELECTRIC MODEL

This model operates successfully in a room temperature of 50 degrees or over. Sol-Hot 100 Watt New Amazing "Air-Flo" Heaters are used in this Brooder. They are constructed to heat, preheat fresh air and ventilate . . . are perfectly controlled . . . and insure low operating cost. Each section is equipped with New Air-Flo Heater, Automatic Thermostat Heat Control and Violet Light Bulb. An extra heating element under bottom deck furnishes additional heat. Any number of sections may be operated at a time, as desired. Built 5 sections high. Capacity: 1,000 day-old chicks; 750 two-weeks old; 375 four to five weeks old. This Brooder cares for chicks up to eight weeks of age.

One size—built five sections high. Each section is 30x48 in., 9 1/4 in. high inside, with a heat-retaining curtain separating the brooding compartment in the rear from the exercising chamber at front of brooder. An adjustable, hinged wire door is also furnished in each section and can be dropped as a center divider between the compartments, from the outside of brooder. Thus, the chicks are confined to one compartment for ease in catching. The large door opening in rear panel of brooder, as shown in view of the Oil Brooder on opposite page, gives easy access to the heated section and also permits removing chicks at rear.

Two no-waste design feed troughs and one rust-resisting Armco Ingot Iron water trough—all 31 in. long—provide ample feeding space for chicks in each section and are correctly placed outside to prevent feed waste and contamination. The adjustable wire feed guards or doors are moved outward over the feed troughs to adjust the feed opening for chicks of any age.

Specifications and Prices

No. 9-9005—"All-Purpose" Electric Brooder shown above. Height over-all 73 in. Width over-all 39x52 1/2 in. For 110 or 220 volt current—state voltage when ordering. Weight 330 lbs. Natural Galvanized Finish, price.....\$99.75
For 2-Color Ivory and Red Enamel Finish on the above Brooder, extra charge 3.25

F. O. B. Quincy, Ill.

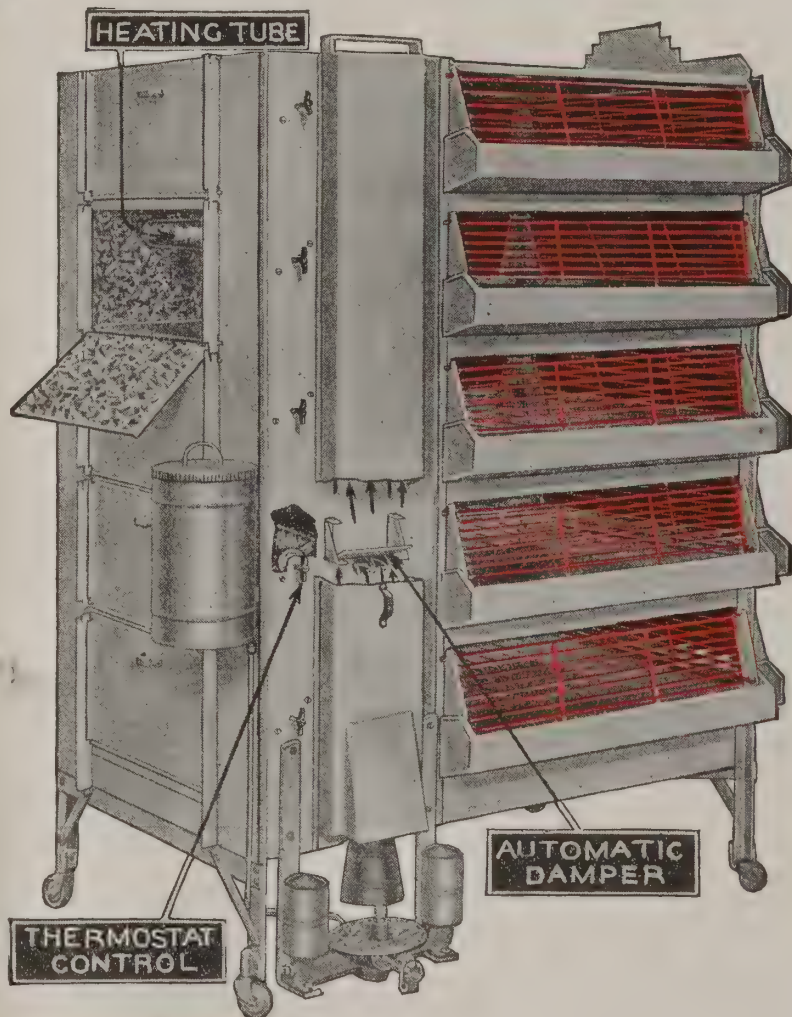
THE OIL AND GAS HEATED MODELS

For operation in rooms where temperature does not fall below freezing. Each section is fitted with an Automatic Thermostat Heat Control which permits the use of any number of decks as required. A large No. 4 Sol-Hot Twin-Float Kerosene (coal oil) Burner supplies heat in the Oil Model. The Gas Heated Model comes equipped with a dependable Gas Burner . . . otherwise is exactly the same as the Oil Model. Warm air circulates through the heating pipes in rear of brooder and the heat is radiated onto the chicks. This "All-Purpose" Brooder cares for chicks up to eight weeks of age. Capacity: 1000 day-old chicks; 750 two-weeks old; 375 four to five weeks old.

BUILT FOR LONG SERVICE

The Wire Doors are easily opened to give free access to the front compartment for removing chicks. The removable floors and clean-out trays provide strict sanitation. The floors are of special tinned wire in 1/2x1/2-inch mesh, through which the droppings fall into the slide clean-out trays below. The two-piece dropping pans are easily handled when cleaning the brooder. An extra set of dropping pans, fitted on separate slides under the bottom section, gives protection against floor drafts and can also be used to replace pans in other decks when cleaning brooder. All dropping pans are interchangeable and are made of Armco Ingot Iron.

Sol-Hot "All-Purpose" Brooders are constructed throughout of heavy galvanized sheet iron and wire, with the frames rigidly built of 1x1/2-inch angle iron and mounted on large, easy-rolling casters. Regularly furnished in Natural Galvanized Finish, but can be had in Ivory and Red Enamel Finish at slight additional charge.



SPECIFICATIONS AND PRICES

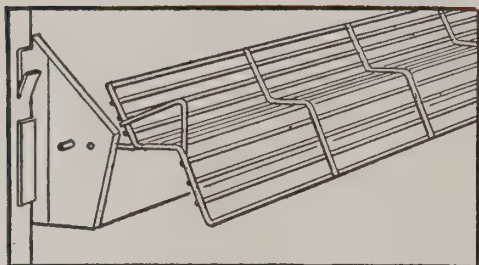
Oil Heated Number	Gas Heated Number	Size Brooder	Chick Capacity	Floor Space	Height Over-All	Width Over-All	Approx. Weight	Brooder in Galvanized Finish	Extra for Enameled Finish
9-9050	9-9G50	5-Sections	1000 day-old	7200 sq. in.	73 in.	39x60 1/4	350 lbs.	\$104.00	\$3.25

F.O.B. Quincy, Illinois

There Is A Sol-Hot Brooder To Meet Every Need

"SHEER COMFORT"

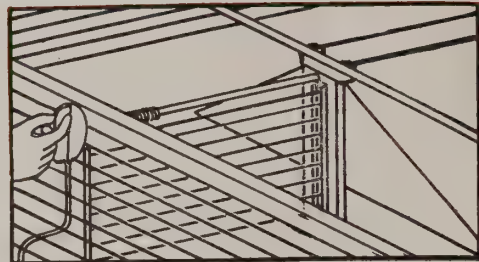
SHEER COMFORT FOR YOUR CHICKS



Hinged Wire Grids on all feeders and waterers; quick-opening, adjustable, removable. This feature allows operator the freedom of both hands for removing chicks—without even removing troughs.

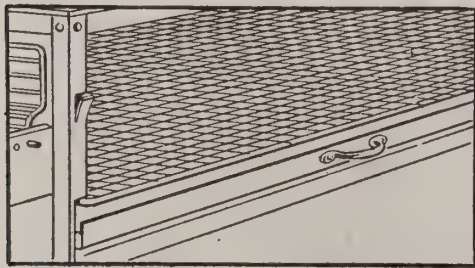
The improved Corrugated Heat Unit, with its ridges of the same contour as the hen's breast and keel, applies heat to the chicks in the same manner that the mother hen keeps her chicks cozily warm. In designing the Sheer Comfort Brooder, we have closely followed the method employed by Nature in the brooding of chicks.

Being constructed of sanitary metal, the improved heating unit is superior to rubber or cloth materials because it has far greater heat radiating qualities. There are no blankets—no pads—but an entirely new, positively efficient and durable heating unit. The method is entirely DIFFERENT from earlier methods and the chicks grow and THRIVE in the same "Sheer Comfort" which Mother Nature has provided.

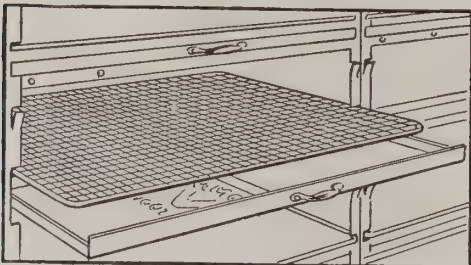


By simply turning a knob the Unit may be raised or lowered to accommodate chicks up to five weeks old.

SHEER CONVENIENCE FOR YOU



Two-Piece Floors and Dropping Pans. Removable at sides. Floors of $\frac{1}{2} \times \frac{1}{2}$ -inch mesh, securely welded and tinned to $\frac{1}{4}$ -inch wire frame.

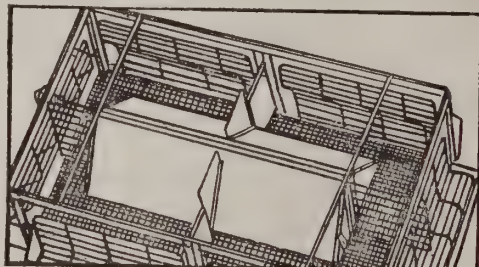


Dropping Pans of Armco Ingot Iron, with convenient handles for removing. Sanitary. Easily and quickly cleaned.

The Sol-Hot Unit is efficient because of its exclusive corrugated surface—directing the heat "nature's way" to the chicks. High quality Nichrome Wire Heating Units improve the efficiency. It is economical to operate because of heavy insulation used in its construction and also because of the exclusive Sol-Hot Room Temperature Compensator Heat Control. This Control assembly is mounted in a separate box, independent of the heating unit. It is wired to properly synchronize the room temperature with the heating element in the unit. You simply set the control for the desired brooding temperature and thereafter, should the room temperature fluctuate up or down, the Compensator Control will automatically adjust itself to meet this condition. This is a very essential feature for successful brooding by "Contact Heat." Each Unit has a 180-watt heating element.



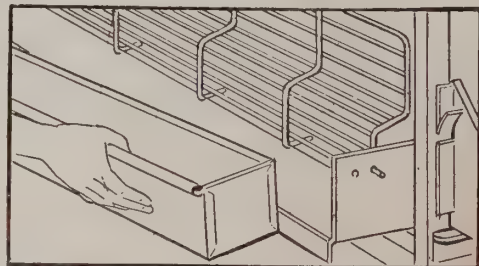
Individual Automatic Thermostat Heat Control for each deck. Controls temperature with split-degree accuracy. Guaranteed against radio interference. Entirely different from the ordinary type of Thermostat Heat Control. This new Remote Control Thermostat adjusts its heat range to compensate for any fluctuation in room temperature.



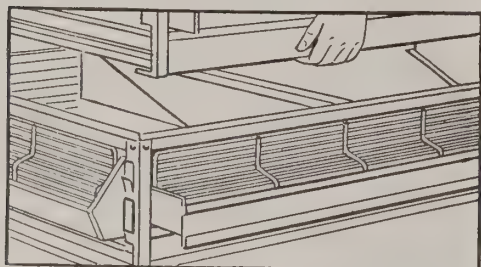
Four compartments in each deck.

SURE PROFITS ON QUALITY CHICKS

The new demand for sturdy, vigorous started chicks should enable you to establish a business which will bring you substantial profits. Quality baby chicks, started chicks, and broilers bring excellent profits.



Grid confines chicks.



Each Deck a Complete Brooder. Built on the sectional plan. You can start with one or more decks and add extra decks as required. Dimensions inside: 33 inches wide, 70 inches long, 9 inches of head-room. Floor area 2310 sq. in. per deck. Each deck fitted with the Improved Heating Unit and Room-Temperature Compensator Control and Pilot Light. Any deck may be operated independently of the others, if desired.

You will enjoy the convenience of the "Sheer Comfort" Contact Heat Brooder. Notice how easily the operator removes the chicks, with freedom of both hands and without removing feeder.



CONTACT-HEAT

NATURE TAUGHT US HOW TO BUILD
THIS BROODER

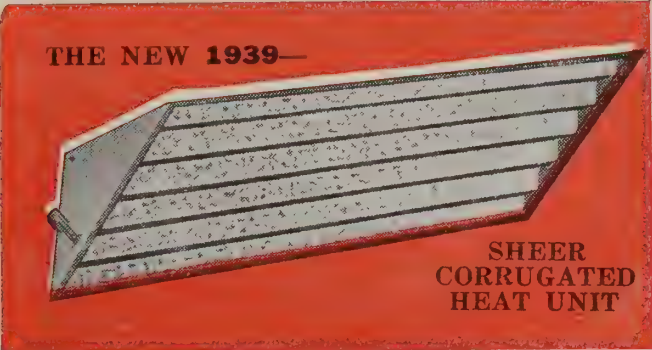
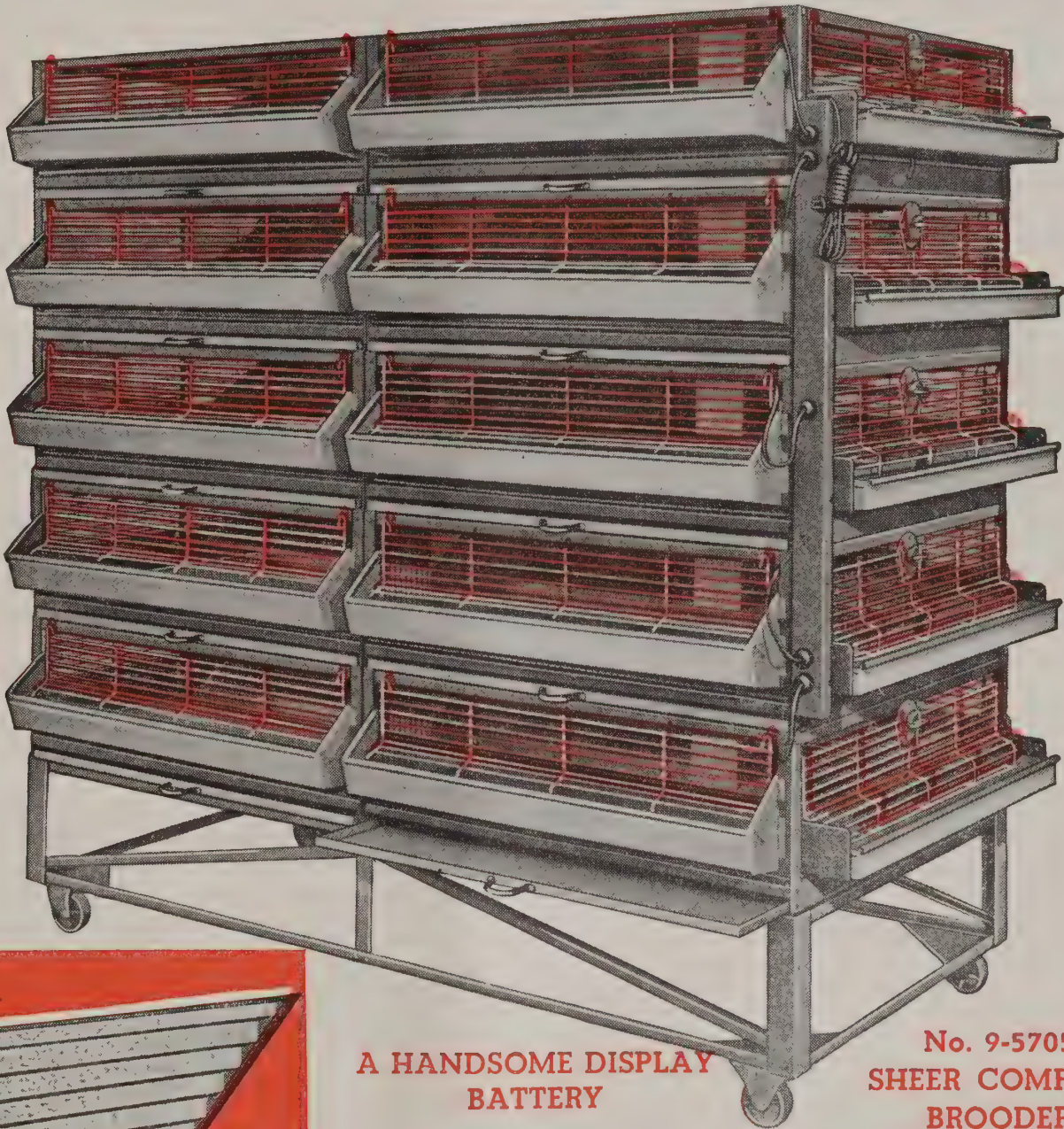
See How the Chicks Live—How They
Thrive in "SHEER COMFORT"



Broods
Chicks Up
To Seven
Weeks

Effectively
Displays
Chicks

Helps To
Sell
Started
Chicks
Or
Broilers



A HANDSOME DISPLAY
BATTERY

Attractively finished in three-color combination of lustrous green, gleaming red, and cream enamel. It gains attention for your chicks and steps up sales! As elegant as a piece of fine furniture—one of the most efficient battery brooders ever devised.

No. 9-5705
SHEER COMFORT
BROODER
Completely Equipped
\$185.00

YOU CAN'T AFFORD TO BE WITHOUT THE "SHEER COMFORT"

No.	Sheer Comfort Brooder	Chick Size	Brooding Area	Length	Width	Height	Weight	Price
9-5705	5-Deck with Truck	1650 day-old	11,550 sq. in.	78 in.	41 in.	70 in.	808 lbs.	\$185.00
9-5704	4-Deck with Truck	1320 day-old	9,240 sq. in.	78 in.	41 in.	59 in.	667 lbs.	150.00
9-5703	3-Deck with Truck	990 day-old	6,930 sq. in.	78 in.	41 in.	48 in.	497 lbs.	116.50
9-5702	2-Deck with Truck	660 day-old	4,620 sq. in.	78 in.	41 in.	36 in.	356 lbs.	82.00
9-5701T	1-Deck with Truck	330 day-old	2,310 sq. in.	78 in.	41 in.	25 in.	190 lbs.	47.50
9-5701	1-Deck less Truck	330 day-old	2,310 sq. in.	78 in.	41 in.	11 in.	156 lbs.	37.00
9-5700	Truck only			71 in.	33 in.	14 in.	50 lbs.	15.00

Shipped in sections 90% assembled. F.O.B. Quincy, Ill. Write for Time Payment Terms.

SOL-HOT INCUBATOR

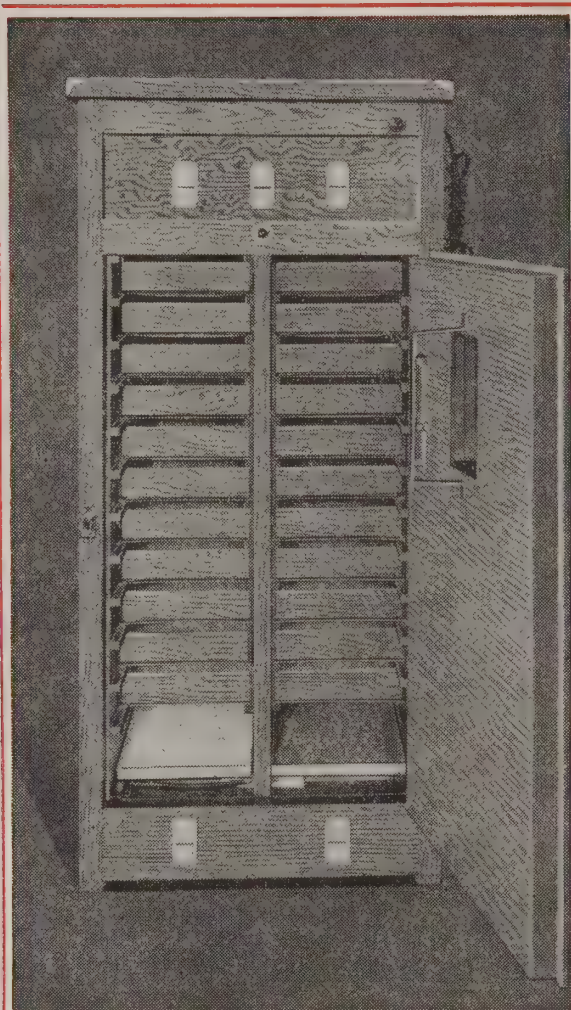
HATCH CHICKS - DUCKS - TURKEYS - PHEASANTS

YOUR EGGS ARE VALUABLE - - TURN THEM INTO CHICKS

A dozen eggs may be worth only 25¢ at market price but the Sol-Hot Incubator will make the same dozen eggs worth 63¢ to you as baby chicks. Aside from the profit, consider the saving and convenience of hatching your own chicks.

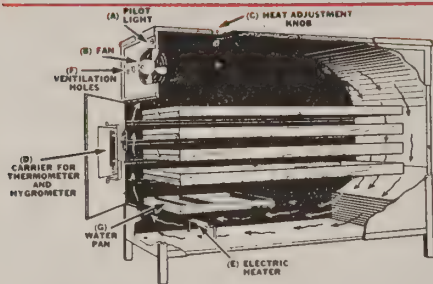
Suppose your eggs are worth, we will say, 25¢ per dozen. 1200 eggs are worth \$25.00. Various factors have much to do with the hatch you will get, but with ordinary care and average eggs, you can reasonably expect a 70 to 75% hatch of all eggs set. This means 840 to 900 baby chicks in three weeks. Even if you allow only 7¢ apiece for them, it amounts to \$63.00. Deduct \$25.00 from this and you have \$38.00. Cost of electricity should not exceed 1/2 to 3/4¢ per chick, and deducting same, leaves \$31.25 for your profit. Think of it! The profit in 12 weeks of operation will amount to \$125.00—enough to more than pay for a 1200-egg machine! Worth thinking about, isn't it?

SELECT THE SIZE TO FIT YOUR EGG PRODUCTION



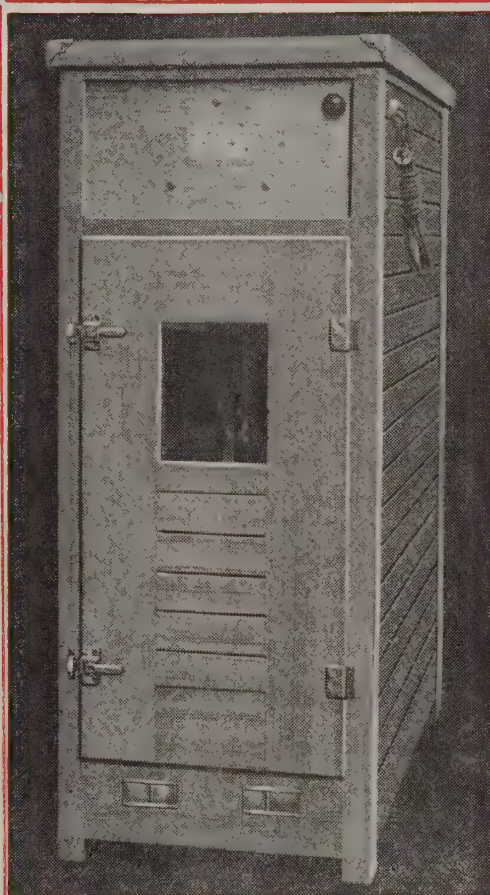
2100-Egg Sol-Hot Hatcher

Recommended for constant operation: Set 700 eggs per week or 350 eggs twice a week. All other Sol-Hot Incubators may be operated the same way.



**Note
The
Air
Travel**

Illustration above shows the inner details and air-circulating system of how the Sol-Hot Hatcher's heat is supplied by approved, tested, coil type heaters. Correct temperature constantly recorded by reliable instruments, always in full view of operator. Temperature fully controlled by dependable, fool-proof, efficient Thermostat Heat Regulator. Humidity supplied by moisture pan with adjustable surface exposure. Eggs are fully and safely turned, without being touched by hand. Eggs set and hatch in the same trays. Egg positioners hold eggs firmly during the turning operation, are easily removed at hatching time and eliminate the need of packing eggs in trays. Cabinet of triple construction California Redwood; well insulated. All machines fully accessible. Easy to clean and keep clean. All work is done from front of machine. Furnished complete with high grade Thermometer. Hygrometer.



1200-Egg Sol-Hot Hatcher

Thermostat Heat Control, Moisture Pan, etc., ready to operate.

Built of Genuine California Redwood with insulation. Attractively finished. Heat is supplied by approved and tested electric heaters. Temperature positively controlled by thermostat regulator. Humidity supplied by large moisture pans with adjustable surface exposure. Fitted with high-grade hygrometer, and Reliable thermometer—always in full view of the operator.

Egg trays constructed of white pine. All eggs may be turned in a few minutes with the special turning device furnished, and without removing trays. Trays do not have to be removed for cooling. Circulation is of the forced draft type, by fans at the top of the machine. Hatches duck, turkey, pheasant and other fowl eggs. Great for weekly hatches. Low in operating cost. Approx. 38 K. W. Hours of Electricity will complete hatch in 416-egg size; 65 K. W. H. in the 624-egg machine; 100 K. W. H. in the 1200 size; 150 K. W. H. in the 2100 size. Machines come equipped for 110 volt A. C., 60 cycles.

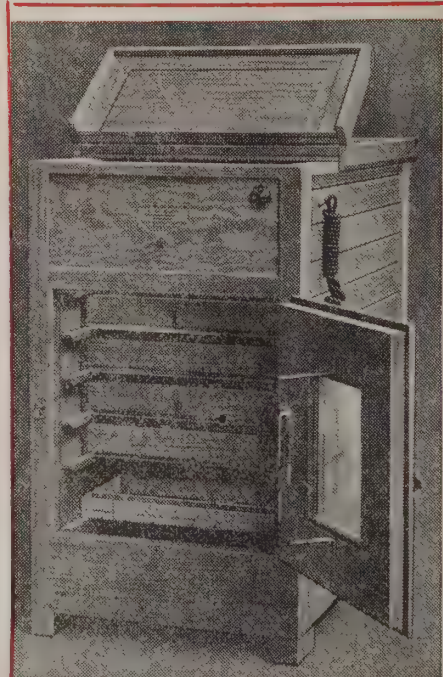
What is your weekly output of eggs? 200? . . . 400 . . . 700 or more? Choose the size Sol-Hot Hatcher to exactly fit your output. For example, the 2100-Egg size Incubator will take 350 eggs twice each week. This means that you will have at least 250 baby chicks to sell twice a week, or 500 weekly. At 7¢ per chick, for instance, you will take in \$35.00 a week. This is more than you would get by selling your egg output, is it not? In fact, it means a clear net profit for you of about \$27.00—every week! You will make some money on custom hatching, too.

CORRECT CHEMICAL CHANGE NECESSARY FOR STRONG, STURDY CHICKS, PROVIDED BY ADVANCED AIR-CIRCULATING PRINCIPLE

Sol-Hot Hatchers are equipped with an advanced, tested air-circulating system which provides the correct chemical change necessary to hatch strong, husky chicks, ducks, turkeys or pheasants. The air current is directed around the trays, thereby causing gentle air currents to circulate among the eggs. There is never a direct draft on the eggs at any time . . . but each egg is completely bathed in fresh, correctly warmed and properly moistened air. This system makes it possible to maintain correct temperature around the eggs at all times and to keep the eggs cooler in warm weather. Economical power consumption is accomplished by streamlining the path of the main air current.

30 Days' Trial Offer

Every machine is GUARANTEED in every respect and sold on 30 DAYS' TRIAL. Put one complete hatch through it—and if not entirely satisfied, return the machine promptly and we will refund your money or ship you other supplies in exchange.



S-416—Egg Sol-Hot Hatcher

COMPLETE - - READY TO OPERATE

No.	Egg Size	Num-ber of Trays	Eggs per Tray	Size Fans	Total Wat- tage	Approx. KWH Used in 3 Wks.	Cabinet Size	Height	Shipping Weight	Price
9-416	416	4	104	One 8-in.	189	38	22x37 in.	37 in.	165 lbs.	\$ 54.50
9-624	624	6	104	One 8-in.	289	65	22x37 in.	44 in.	210 lbs.	74.50
9-667	1200	8	152	One 10-in.	400	100	22x46 in.	55 in.	300 lbs.	122.00
9-668	2100	22	95	Two 10-in.	593	150	29½x47 in.	64 in.	565 lbs.	205.00

For 110 Volt A. C. 60 Cycles. F. O. B. Quincy, Ill., or Missouri Warehouse

Hatchers IN ALL SIZES

Sol-Hot Incubators are sturdily constructed of the best in materials—with careful workmanship. Have been tested for several years and found to be reliable, efficient and economical in the hatching of chicks, ducks, turkeys or pheasants.

SOL-HOT'S COMBINATION SETTING MACHINE AND HATCHER

Here is the machine that has the reliable, efficient features that are needed to hatch big, strong chicks, ducks, turkeys or pheasants. Hatching conditions are controlled and maintained in this machine uniformly as in a Mammoth Incubator. Simple and convenient to operate. Setting and hatching sections in the same machine give this Combination Unit the extremely profitable advantage of continuous hatching. The entire capacity may be set at one time or any part of the machine at various times—without affecting other parts of the machine. Trays are easy to get to and easy to set. Eggs are turned safely and quickly without touching them—by simply tilting the trays. All trays are the same size and are interchangeable. Each tray holds 150 large chicken eggs or 135 turkey or duck eggs.

SETTING AND HATCHING ADVANTAGES

This machine holds 1650 large chicken eggs—having a turning capacity of 1200 and a hatching capacity of 450 eggs in separate trays. It can be set to hatch 1200 chicken eggs at one time; 600 every 10 to 11 days, or 400 every week. On turkey or duck eggs, it has a turning capacity of 1080 eggs and a hatching capacity of 405 eggs in separate trays—holding a total of 1485 eggs. It can be set to hatch 1080 turkey or duck eggs at one time; 540 every 14 days; 360 every 9 to 10 days, or 270 every week.

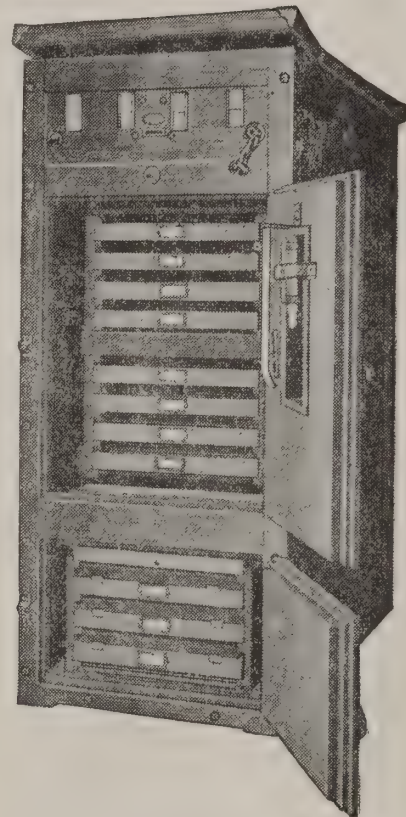
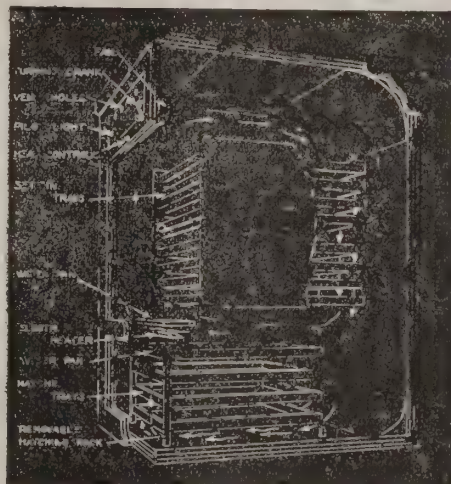
OPERATING FEATURES

In Sol-Hot's Combination Machine and all Sol-Hot Hatchers on opposite page, ideal hatching conditions are easily maintained. Heat is supplied by approved, tested, coil type heaters. Correct temperature constantly recorded by reliable instruments, in full view of operator. Temperature fully controlled by dependable, fool-proof, efficient Thermostat Heat Regulator. Humidity supplied by moisture pans with adjustable surface exposure. Eggs are fully and safely turned, without being touched by hand. Eggs set and hatch in the same trays. Positioners hold eggs firmly during turning operation, are easily removed at hatching time, and eliminate the need of packing eggs in trays. Cabinet triple construction California Redwood. Easy to clean and keep clean. All work is done from front of machine. Furnished complete with high-grade Thermometer, Hygrometer, Thermostat Heat Control, Moisture Pan, etc., ready to operate.

PRICE COMPLETE

No. 9-1650—Combination Machine, 1650-egg size.

Eight setting Trays and 3 Hatching Trays, each holding 150 eggs. Fitted with one 12 in. Fan and one 350 Watt Heater. Uses about 100 K.W.H. in 3 weeks. Width, 32 in. Depth, 50 in. Height, 69 in. Weight, 560 lbs. Price complete. **\$218.00** For 110 Volt A. C., 60 Cycles. F. O. B. Missouri Warehouse.



1650 EGG SIZE COMBINATION MACHINE

1650-Egg Size Setting Machine and Hatcher. Eight setting trays—3 hatching trays—150 eggs per tray. The illustration at the right shows the air-circulating system in this 1650-egg machine. Streamlining the path of the main air current makes for economical power consumption.

SOL-HOT INCUBATOR

Sol-Hot Incubators are adaptable for hatching chicken, turkey, goose, duck, pheasant and quail eggs. They offer convenience, reliability, efficiency and economy. Approved by Underwriters. The cabinets are of genuine California Redwood, of double wall without warping or splitting. Doors have double glass which prevents steaming. Adjustable Ventilators provided in both top and bottom. All cabinets have Masonite insulation in top and are finished in natural color, nicely varnished. Equipped with Patented Egg Turning Trays and deep nursery trays in each compartment.

In the Oil Model, heat is supplied by a kerosene-burning oil lamp with 2 qt. capacity oil bowl and Large Sun Hinge Burner enclosed in a heavy galvanized steel jacket outside the machine. Electric Incubators are fitted with highgrade Electric Element and Automatic Switch; made to operate on 110 volt A. C. without radio interference. Both Electric and Oil Incubators have hot water heating system as shown in cutaway view at right and in both models the heat is automatically controlled. In the two and three-deck machines, each deck has its own heating system and operates independently of the others. This permits the use of any one or two decks as desired. Fine for weekly hatches, setting one deck at a time. The double and triple deck machines are accessible from both sides. All machines are complete with Trays, Oil Lamp or Electric Heater, Heat Regulator, Thermometer and operating instructions.

OIL AND ELECTRIC HEATED MODELS



Cutaway view above shows hot water Heating System inside the Oil Model. The leak-proof hot water pipes of heavy, non-rust copper encircle entire egg chamber, insuring even distribution of heat. Overflow pipe extends through top and permits air to escape, eliminating air pockets. Water is in constant circulation. No cold corners—no air traps.

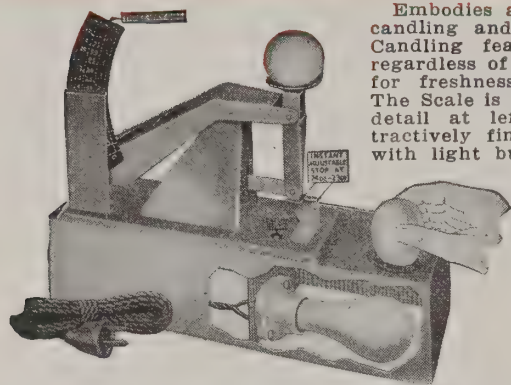
No. 300L
Oil Model
300 Egg

Electric No.	Oil Type No.	Egg Size	No. Decks	No. Trays	Size Over-all	Height Over-all	Ship. Weight	Electric Price	Oil Type Price
9-150E	9-150L	150	1	1	32x34 in.	32½ in.	90 lbs.	\$ 28.00	\$ 24.50
9-300E	9-300L	300	1	2	52x34 in.	32½ in.	130 lbs.	34.50	31.00
9-450E	9-450L	450	1	3	71x34 in.	32½ in.	170 lbs.	44.50	41.00
9-600E	9-600L	600	2	4	52x34 in.	55½ in.	260 lbs.	69.00	62.00
9-900E	9-900L	900	2	6	71x34 in.	55½ in.	340 lbs.	89.00	82.00
9-1350E	9-1350L	1350	3	9	71x34 in.	68½ in.	510 lbs.	133.50	123.00

ALL F.O.B. QUINCY, ILLINOIS. ELECTRIC INCUBATORS FOR 110 VOLT A.C. ONLY

GRADE YOUR EGGS GET HIGHER PRICES

SHEER'S "DOUBLE DUTY" EGG SCALE AND CANDLER



Embodies all the essential features for rapid candling and grading. Saves time and labor. Candling feature shows up all eggs clearly, regardless of shell color. Eggs may be candled for freshness, bloodspots, cracks, or fertility. The Scale is our DELUXE MODEL described in detail at left. Well made throughout. Attractively finished. Comes complete as shown with light bulb, 8 ft. cord and plug. For 110 voltage. Fully Guaranteed.

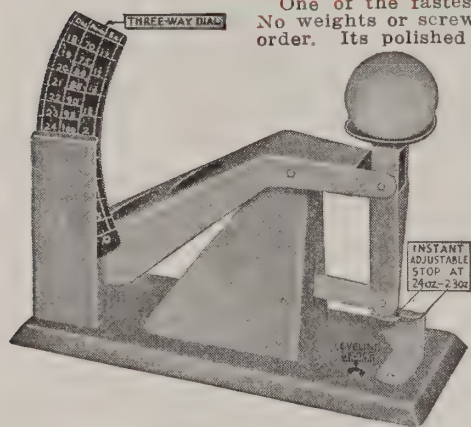
Postpaid in U. S. A.

No. 9-685 — Double Duty Egg Scale and Candler. Weight each 3 lbs.

East of Rocky Mts. ..\$2.50

West of Rocky Mts. ..\$2.75

SOL-HOT DELUXE EGG SCALE



One of the fastest weighing egg scales on the market. No weights or screws to adjust. No springs to get out of order. Its polished brass bearings mean extreme accuracy. Its triple-duty dial of embossed aluminum shows instantly the weight—by ounces—of the egg individually and per dozen; also the grade by the point system being universally adopted by leading Egg Laying Contests. Weighs from 18 to 30 ozs. per dozen and 1½ to 2½ oz. per egg. Ball leveling device indicates when scale is set level. Two-way adjustable stop for eggs weighing 23 or 24 ozs. or more—a great time saver. Large egg cup. Scale sturdily built of heavy steel plate—beautifully finished.

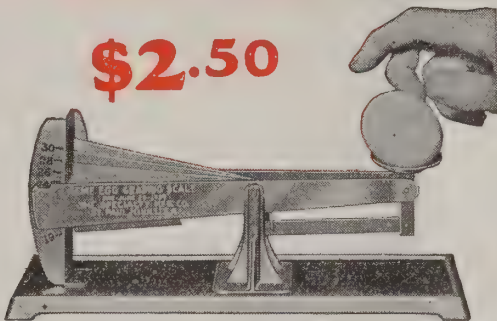
Sold On Money-Back Guarantee

No. 579—DeLuxe Egg Scale. Shipping Wt. 1½ lb. Price each \$1.35

ACME EGG GRADING SCALE

Used by more than 100 State Institutions; officially adopted as the standard scale in many sections of the United States. In use all over the world. Simply place egg in cup on beam—scale automatically adjusts itself and shows weight in ounces of one dozen like eggs. Used by U. S. Government specialists to establish standard grade. Wt. 2 lbs.

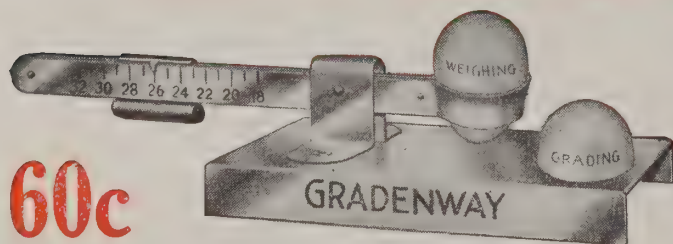
\$2.50



- No. 9-128—Adapted to A.P.A. requirements. Grades 16-18-20-22-23-24-26-28-30 oz.\$2.50
- No. 9-228—Adapted to the Pacific Coast. Grades 18-19-20-21-22-23-24-25-26 oz.\$2.50
- No. 9-229—California Special. This style grades 15-16-18-20-22-23-23½-25-26 oz.\$2.50
- No. 9-328A—Adapted to the Atlantic Coast. Grades 19-20-21-22-23-24-26-28-30 oz.\$2.50

All Prepaid In U. S. A.

SHEER'S 2-IN-1 GRADENWAY SCALE

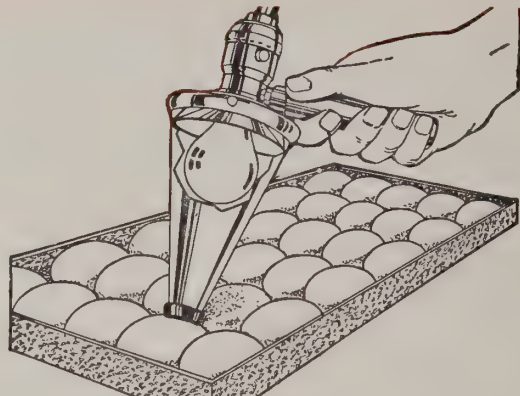


60c

Grades and weighs eggs instantly. Saves time and labor. Grading hole is the accepted size now being used by leading produce buyers and hatcherymen. Weighs eggs from 18 to 32 oz. per dozen. Simple in design, accurate and convenient in operation, durably built of steel and attractively finished. No springs to get out of order or give trouble. Approved by Poultry Tribune Experimental Farm.

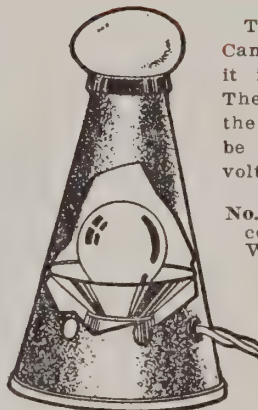
- No. 9-588—Gradenway Scale. Price each, prepaid in U. S. A.\$.60
- Dozen, wt. 7 lbs. Price F.O.B. Quincy, Ill., per dozen 5.25
- Gross lots F.O.B. Quincy, Ill. Price per gross 60.00

Sol-Hot Electric X-Ray Egg Tester-Candler



Here is a portable tester that saves time and labor. You move it over the eggs and a powerful light immediately reveals germs as well as nerves and veins. Give definite idea of stage of incubation. When ordering be sure and specify the voltage on which tester is to be used. No. XR-410 Tester complete with 6 ft. cord and bulb for 110 voltage. Wt. each 2 lbs. Price postpaid only \$2.15 No. XR-432 Tester, same as above, for 32 or 220 voltage. Price postpaid each\$2.35 Extra bulb for either of above testers. State which voltage\$0.35

Sheer's Clear-View Egg Candler



This is a powerful quick-action Egg Candler or Tester. So constructed that it instantly shows all defects in eggs. The powerful ray of light shows through the entire egg. Very simple to use. Can be attached to any light socket. State voltage when ordering.

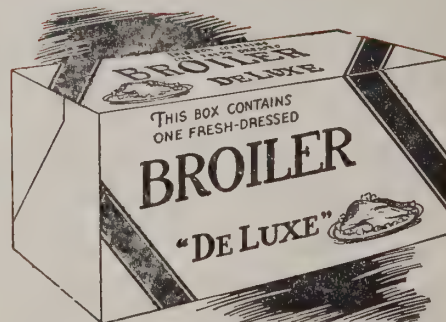
No. 9-411—Candler complete with 6 ft. cord, socket and bulb for 110 voltage. Wt. 2 lbs. Each\$1.45

No. 9-433 — Candler, same as above, for 32 or 220 voltage. Price each\$1.65

Extra Bulbs. State voltage. Price each\$0.35

All Postpaid in U. S. A.

ATTRACTIVE PACKAGES INCREASE SALES! SELL YOUR BROILERS IN SOL-HOT BROILER BOXES



These boxes are made of heavy, paraffined, white bleached, manila-lined newsboard. They are made in one size—suitable to accommodate a two to three-pound dressed broiler. They come printed on three sides with an attractive design as shown in the illustration. Printing is in green ink. The boxes are shipped flat and are easily and quickly assembled without staples or tape. Immediate shipment can be made F. O. B. Quincy, Ill.

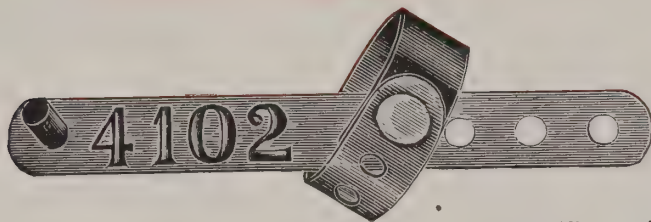
No.	Size	Wt. per 1,000	Price of 100	Price of 500	Price of 1,000
9-5477	3½x4x8 in.	150 lbs.	\$1.85	\$8.75	\$16.00

F. O. B. Quincy, Ill.

Keep an Accurate Record of Your Flocks With Poultry Leg and Wing Bands

With improved conditions for raising poultry—and the fixed cost systems being employed—poultry bands—the one and only medium of keeping an accurate check on a poultry flock—is today essential in a poultryman's routine. Here listed, are various styles poultry leg and wing bands—suitable to satisfactorily meet any requirement. They're economical—they're permanent when once applied.

SHEER'S ASSOCIATION ADJUSTABLE SEAL LEG BAND



One of the most popular Leg Bands for identifying Certified and Accredited flocks. A good band for show purposes. One size is adjustable to fit all breeds except the large male birds and turkeys. Made of heavy, pure aluminum in $\frac{3}{8}$ -inch width, with smooth edges. Strong lead rivet. Large clear embossed numbers. Furnished only in unbroken sets, numbered 1 to 25, 26 to 50, 51 to 75, 76 to 100 and in even hundred series, numbered 1 to 100, 101 to 200, etc. No series broken. Prices include numbering. Bands can be stamped on special order, with name, initials or special wording at an extra charge as explained below. All prepaid in U. S. A.

	25 Bands	100 Bands	300 Bands	500 Bands	1000 Bands
No. 9-397—Seal Leg Bands.....	\$0.45	\$1.10	\$3.15	\$5.00	\$9.00

Special Pliers for sealing the above bands are priced below.

SHEER'S SEALING PLIERS

These sealers are the regular Poultry Band size, for sealing lead rivet bands, particularly Sheer's Association Adjustable Seal Bands. Furnished with plain jaw, or with a single letter on jaw which embosses letter on the seal.

No. 9-380—Plain Jaw Sealer	\$1.00
No. 9-381—Lettered Jaw Sealer	1.10

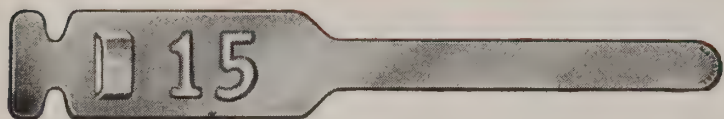
SPECIAL STAMPING

Special stamped bands serve as an excellent means of advertising; also protect against fraud and theft. The adjustable Seal Bands above can be had with any desired special stamping (in addition to numbers) at the following extra charges:

	100 Bands	500 Bands	1000 Bands
For stamping name and address in 2 or 3 lines, extra charge....	\$0.75	\$1.15	\$1.65
For stamping two or three initials..	.15	.60	1.00

FREE—Stamping of Initials is free on an order for 5000 Bands or more.

SHEER'S ADJUSTABLE ALUMINUM POULTRY LEG BAND



A popular inexpensive Leg Band, for trapnesting, blood-testing and culling. Adjustable for Leghorns, Rocks, Reds—in fact, it fits all breeds except the large cock birds and turkeys. Made of aluminum, $\frac{1}{2}$ -inch width. Secure tongue and slot fastener. Large, clear embossed numbers. Numbered as high as desired and sold only in even hundred series, 1 to 100, 101 to 200, etc.—no series broken.

	100 Bands	300 Bands	500 Bands	1000 Bands
No. 9-15N—Adjustable Aluminum Band....	\$0.60	\$1.50	\$2.40	\$4.25

Prepaid in U. S. A.

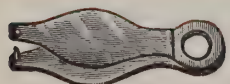
THE IDEAL BABY CHICK TOE PUNCH

Scissors type. Works easily. Cuts a clean, round hole without bruising the foot. Made of nickel plated steel. Length $3\frac{1}{2}$ -inches. Prepaid in U. S. A.

No. 9-39X—Toe Punch, each	\$0.35
Dozen, wt. 12 oz., price.....	4.20



SHEER'S STANDARD BABY CHICK TOE PUNCH



For marking Baby chicks by punching hole in web between toes. Prepaid in U. S. A.

No. 9-33X—Toe Punch, price each.....	\$0.15
Per Dozen, wt. 5 oz., price.....	1.65

All Bands and Sealers Prepaid in U. S. A. at Catalog prices.

THE PERFECTION EGG GRADER Grades 3 to 6 Cases of Eggs per Hour



Grade your eggs this easy, automatic way, and secure the extra premiums paid for graded eggs. A fast and accurate Egg Grader offered at a low price. Grades 3 to 6 cases per hour. Automatically separates eggs into any four grades desired. Meets all State grading laws. Adopted by leading Agriculture Colleges. No electricity required. No adjustment to make after you once set the balance weights. Molded rubber tray, size 13x24 inches, offers complete protection against breakage of eggs.

A great time-saver. Assures a uniform pack. Actual tests have shown that it will grade 36 eggs a minute... 6 cases per hour. So simple a child can operate it. Just place the eggs on the feeder—the Grader weighs them automatically. Portable. Easily handled. Weighs only 12 lbs.

No. 9-585—Perfection Egg Grader.

Price each \$12.00

F. O. B. Quincy, Ill.

SPIRAL LEG BANDS

Made of the best quality, heavy, round, colored celluloid rod, with full one-half lap. Packed in bundles of 50 of one color and size—no bundles broken. Specify breed and sex when ordering. Colors: White, Blue, Yellow, Red, Green.



Size	No. 9-398N	50	100	300	500	1000	2000
4—Baby Chicks.....		\$0.20	\$0.35	\$1.00	\$1.45	\$2.40	\$4.60
6—Growing Chicks and Medium Pigeons		.25	.45	1.25	2.00	3.50	6.50
8—Leghorns and Anconas.....		.30	.55	1.50	2.20	3.80	7.25
11—Rocks, Reds, etc.....		.35	.60	1.60	2.40	4.40	8.40
12—Orphingtons, etc.....		.40	.70	2.00	3.00	5.50	10.50
14—Large Males, Geese, Turkey Hens..		.55	1.00	2.70	4.00	7.50	14.50

Prepaid in U. S. A.

BANDETTES WITH NUMBERS

Colored Celluloid Leg Bands with indestructible double numbers. Numbered consecutively and packed in sets of 25. We do not break sets. Made in five colors: Blue, Red, Yellow, Green, and White. Specify size and color when ordering. Catalog No. 9-394.



Size	25	50	100	500	1000
4 Baby Chicks and Small Pigeons.....	\$0.35	\$0.65	\$1.20	\$5.25	\$10.00
9 Leghorn, Ancona, Campine Hens.....	.60	1.00	1.80	8.50	16.50
11 Rock-Red-Wyandotte Hens, Leghorn Cocks..	.60	1.00	1.80	8.50	16.50
12 Rock, Red Cocks, Turkey Hens, Geese..	.60	1.00	1.80	8.50	16.50

Prepaid in U. S. A.

"Zip" AN EASY AND FAST WING BAND TO APPLY



No extra operation piercing the wing... no shaping the band. Just insert, seal, and band is permanently applied. A real time-saver. Can be safely applied on day-old chicks.

Made of pure aluminum, $\frac{1}{4}$ -in. wide. Strong tubular rivet. Numbered as high as desired and sold only in even hundred sizes, 1 to 100, 101 to 200, etc.—no series broken.

No. 9-890N—Zip Wing Bands. Prices, 100 for \$1.25 ; 300 for \$3.40 ; 500 for \$5.00 ; 1000 for \$9.00 ; 2000 for \$17.50 .
No. 9-890S—Pliers for sealing Zip Wing Bands, price \$1.25

All Prepaid in U. S. A.

Do ALL Your Hens Work For You? Do They ALL Pay?

DEVELOP A PERFECT LAYING STRAIN WITH SOL-HOT NESTS!

Are all your birds profitable layers? When you select your eggs for hatching, will you reproduce the layers or the drones? Can you tell how much your profit would be increased if the drones were culled out? That amount is exactly what you are losing by not getting rid of them. There is no money in feeding non-producers. Get the drones out and get that extra profit. Provide yourself with the equipment to give you the facts—use the Sol-Hot DeLuxe Trapnest and get the low down on your flock.



Note Patented Convertible
Doors

TRAPNESTING IS A PAYING PROPOSITION

Modern breeders continually improve the laying ability of their flocks by weeding out the poor layers and only setting eggs from the heaviest layers. Poultrymen, who are in the game to make money, adopt the same practice. There are no "ifs" and "ands" about it. Your profits will increase or decrease according to the productivity of your layers. Get positive, first-hand information about your hens with the Sol-Hot DeLuxe Trapnest. More room for nesting material, more ventilation, more efficiency of the trap and no sharp edges to injure the birds or hands of the caretaker, are among the features incorporated in the Sol-Hot DeLuxe Trapnest. We challenge the world to equal it in quality, construction and service.

The Sol-Hot Improved Convertible Trapdoor makes trapping positive and insures accurate records. It is now provided with a simple, convenient catch on the small door which acts as a positive, self-locking device when trapping. It is perfectly balanced. No springs or triggers to bind or cause trouble. When a hen enters nest, the trapdoor automatically closes and locks itself, making it impossible for her to escape or another hen to enter. In View 1, the first nest in top tier shows trapdoor closed. When hen is released, the door automatically sets itself—ready for the next hen to enter—as shown on second nest in same view.

SOL-HOT "2-IN-1" DELUXE TRAPNEST

Catalog Number	Number Nests	Tiers High	Length Over-All	Height Over-All	Shipping Weight	Price with Traps
9-5T4	4	1	48 in.	22 in.	35 lbs.	\$ 6.20
9-5T8	8	2	48 in.	34 in.	60 lbs.	10.60
9-5T12	12	3	48 in.	47 in.	80 lbs.	15.20
9-5T5	5	1	61 in.	22 in.	42 lbs.	7.40
9-5T10	10	2	61 in.	34 in.	65 lbs.	12.80
9-5T15	15	3	61 in.	47 in.	95 lbs.	18.20

F. O. B. Quincy, Ill.

SOL-HOT DELUXE LAYING NEST

Catalog Number	Number Nests	Tiers High	Length Over-All	Height Over-All	Shipping Weight	Price without Traps
9-5L4	4	1	48 in.	22 in.	30 lbs.	\$ 4.80
9-5L8	8	2	48 in.	34 in.	50 lbs.	8.20
9-5L12	12	3	48 in.	47 in.	70 lbs.	11.20
9-5L5	5	1	61 in.	22 in.	37 lbs.	5.80
9-5L10	10	2	61 in.	34 in.	56 lbs.	9.40
9-5L15	15	3	61 in.	47 in.	80 lbs.	13.20

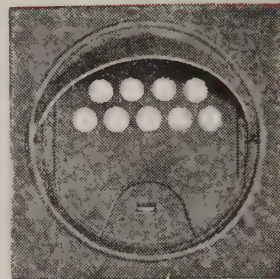
F. O. B. Quincy, Ill.

MONTHLY EGG RECORD CARDS

For pens of twenty-five hens. Order by Catalog No. 9-273. Mailable. Postage extra.

25 Cards	\$0.50	100 Cards	\$1.35
250 Cards	2.75	500 Cards	5.00

CONVERTIBLE TRAPDOOR AND FRAME



A positive-working, automatic Trapdoor for use on home-built wood nests. Provided with a positive, self-locking catch. Exactly the same door as used on the Sol-Hot Trapnest. No springs or triggers to get out of order. 100% efficient. Made of galvanized steel 12 inches square, with a 9 1/2-inch round door opening. Satisfaction guaranteed. Smooth turned edges.

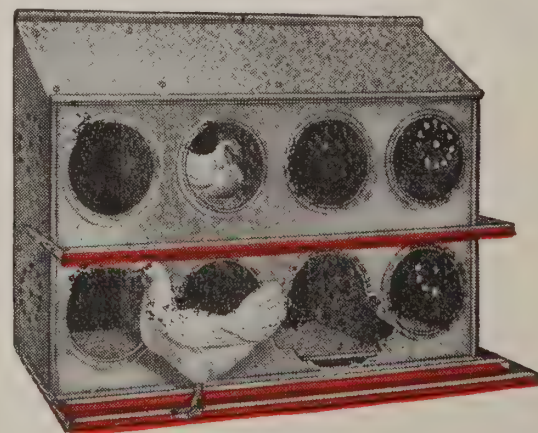
No. 9-5T1—Trapdoor and Frame, as shown, each	\$0.50
Dozen, weight 20 lbs., price	5.30
No. 9-5T0—Trapdoor only, less frame, each	.35

F. O. B. Quincy, Ill.

Statistics show that there is less cannibalism, less egg eating and fewer eggs broken among trapnested hens. With the Sol-Hot DeLuxe Nest, these troubles and consequent losses are avoidable—not only when it is used for trapnesting, but also when used as a regular Laying Nest. The Improved Convertible Door makes this possible. The convertible feature consists of a special small door in bottom, which, when adjusted "open" as shown on the fourth nest in bottom tier of View 1, permits the hen occupying the nest to open the door and releases herself when she is ready to leave. Upon leaving the nest, she automatically sets the door in position for the next hen to enter. This means that only one hen can occupy a nest at one time, thus preventing cannibalism, egg eating and other troublesome habits, which occur when several hens are allowed to nest together. All traps on the Sol-Hot DeLuxe Nests have this unique Patented Convertible door feature and also are fitted with the new self-locking catch.

Built of everlasting nonrust galvanized steel. Sanitary and vermin-proof. The nests are large and roomy, 14 in. high; 12 in. wide; 13 in. deep. Ventilating holes in ends, partitions and doors allow a plentiful supply of fresh air to the layers. Round door openings are 9 1/2 inches in diameter. Metal bottom. Slanting, roost-proof top. Smooth, turned edges. Perches can be swung up, after night feeding, to prevent hens roosting on them. Provided with hangers to attach Nest to wall. Arranged so that by simply pulling nest forward, away from the wall, at bottom—nests can be easily and quickly cleaned. Sold on a money-back guarantee.

Sol-Hot DeLuxe Laying Nests, shown here, are of the same design and construction as the Trapnests described above. The only difference is they are not fitted with trapdoors—but traps can be attached at any time. No. 9-5T0 Trapdoor, less frame, 35c each.



Size Room Or Building Recommended For 50-A-Week Broiler Plant—150-A-Week Broiler Plant—200 Or 500-A-Week Broiler Plant

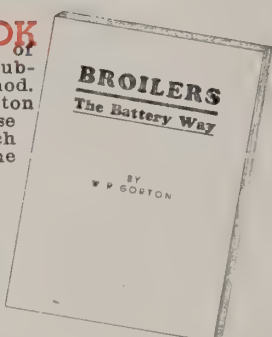
Capacity of Unit	Size Building	Minimum Ceiling Height	Number of 2023 Windows	Roof Ventilators 12" Size
50-a-Week	10'x12'	7'	4	One if Needed
100-a-Week	12'x20'	7'	6	
150-a-Week	15'x20'	7'	8	
200-a-Week	18'x20'	7'	10	
500-a-Week	25'x39'	7'	25	

ANSWER: The plan shown at right is for use in a 12x20 ft. brooder house, but you can easily operate a Sol-Hot 100-a-Week plant in a 12x15 ft. brooder house, although we would recommend the larger size room if possible. Remember you should have a seven-foot ceiling for proper clearance of the finishing batteries that are 77 inches in height. Note particularly the double entrance door which we feel is very important as UNDER NO CIRCUMSTANCES must there be any direct draft of air over the chicks in the broiler plant, especially those in the starting unit. The double door tends to prevent any draft of cold air entering the room and affecting the chicks. The room temperature of brooding house or brooding room should run 60 to 70 degrees at all times. In the starter, the heating unit, either electric, gas or oil, will bring the temperature in the starting unit up to the proper degree for baby chicks. The chicks in the finishers need only a room temperature of 60 to 70 degrees. One popular method of obtaining this room temperature during winter months is to use the Sol-Hot TD-300 Space Heater. See page 20. However, this temperature can be achieved by other types of heaters, the only requirement being that the 60 to 70 degree heated air be circulated freely throughout the brooding house or brooding room.

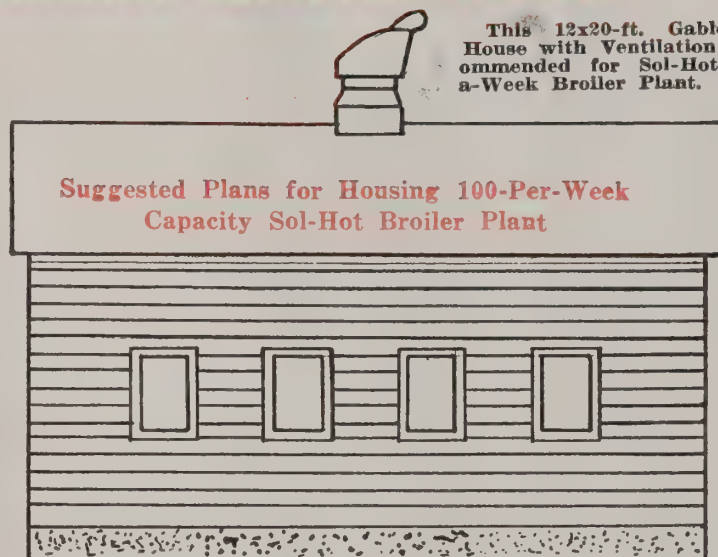
Broilers, The Battery Way is the title of W. R. Gorton's splendid new book on the subject of broiler raising by the battery method. In simple, non-technical language, Mr. Gorton tells in a most interesting way how to raise broilers for market. This is a book which every broiler plant owner should have. Some of the chapter headings are:

Progress in the Poultry Industry—Inception of the Battery Method—Various Uses of Battery Brooders—Possibilities in the Broiler Business—Selecting Your Broiler Plant—What Breed of Chicks—Carrying Chicks Through to Broiler Size—Feed—Housing and Ventilation—Factory Production Methods—Common Troubles and How To Combat Them—Killing and Dressing—Marketing—Questions and Answers.

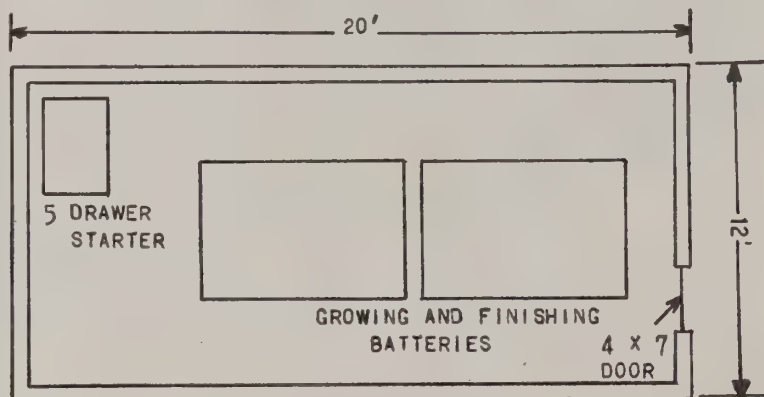
Attractively finished, leatherette bound and specially priced at only **75c a copy—Order Your Copy Today!**



This 12x20-ft. Gable Roof House with Ventilation is recommended for Sol-Hot's 100-a-Week Broiler Plant.



FRONT ELEVATION



FLOOR PLAN AND FOUNDATION SIZE

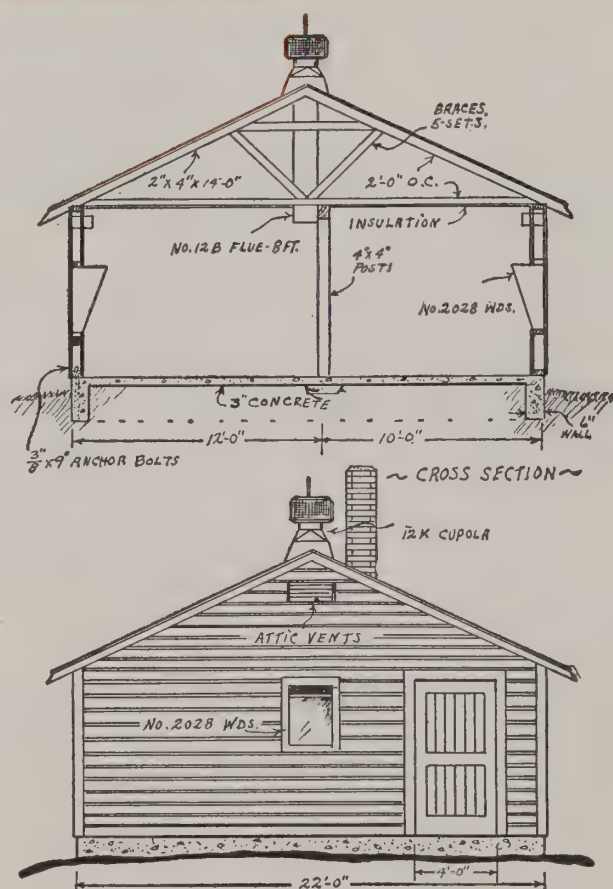
The image contains two architectural drawings of a building, identified by the caption as a 250-A-Weer Sol-Hol.

Side Elevation: This drawing shows the exterior of the building. The roof is labeled "SLATE ASPHALT" and features three "12K CUPOLAS". The roofline has a total width of 36'-0", divided into segments of 5'-0", 13'-0", 13'-0", and 6'-0". A vertical dimension of 8'-0" is shown on the right side. The building's exterior walls are labeled "100K AIR INLETS" and "No. 2028 WDS". The building is 8'-0" high.

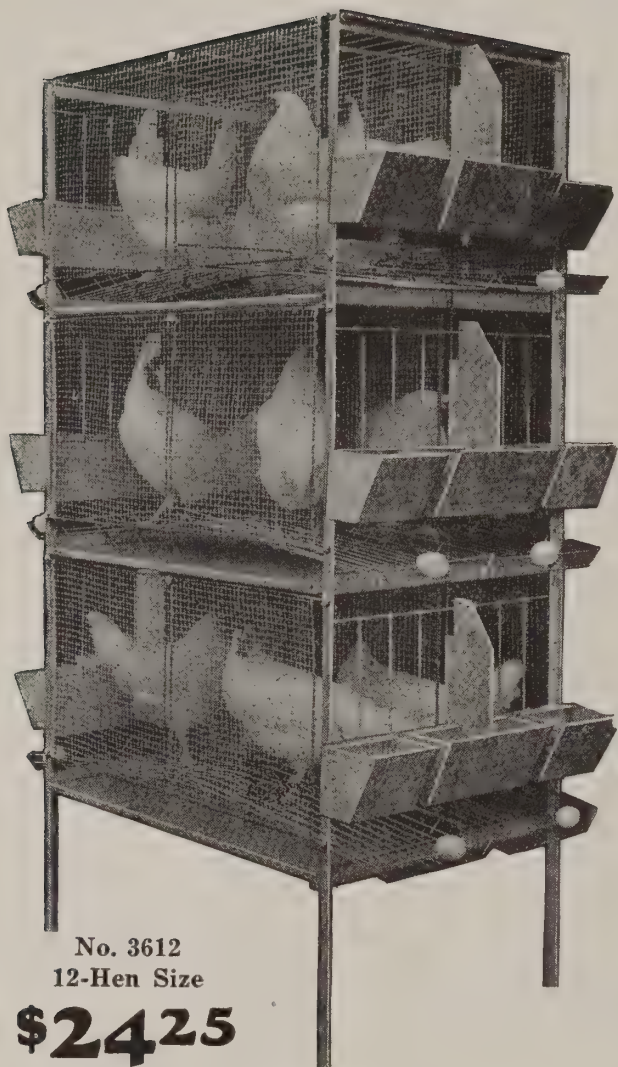
Floor Plan: This drawing shows the interior layout of the building. The overall dimensions are 36'-0" wide by 20'-0" deep. The layout includes:

- A "FINISHING BATTERIES" area on the left, measuring 4'-0" wide.
- A central area with two rectangular sections, measuring 7'-0" and 8'-0" wide.
- A "CUPOLAS" area on the right, measuring 4'-0" wide.
- A "DRAIN" area on the left, measuring 10'-0" wide.
- A "FEED" area at the bottom left, measuring 10'-0" wide.
- A "DOOR" at the bottom left, measuring 10'-0" wide.
- A "DOOR" at the bottom right, measuring 10'-0" wide.

~ FLOOR PLAN ~



-SOUTH ELEVATION-



COMMERCIAL HEN LAYING BATTERY

Laying Batteries are a success! There is no longer any question about it. It is a proven method and it pays! Results from Batteries in actual use have definitely established the fact that hens in Batteries lay and produce higher quality eggs, do better, are less trouble, and cost less to keep than hens kept by any other method. Sol-Hot Commercial Hen Battery helps put the egg business on a profitable basis. Your savings in house space, feed, and labor should soon pay the cost of installation. You need only one-half of the floor space otherwise required. Labor is reduced to a minimum. There is no bother with litter. Fill the feed and water pans, clean out the droppings, and collect the eggs. That's all there is to it. You save on feed . . . both in cost and in the amount it takes to produce a dozen eggs. You feed no non-producers, for in the Sol-Hot Battery, every hen is automatically trapped. You can see at a glance which hens are not laying and get rid of them promptly. One can develop a perfect laying strain . . . securing maximum egg production at a minimum cost for feed and labor.

Built to Last a Lifetime

The Sol-Hot 12-hen Commercial Laying Batteries embody the most modern features in construction, sanitation, ventilation and convenience. They can be used in almost any building, garage, or shed. Many city folks use them in order to have a daily supply of fresh, quality eggs for their families and neighbors. Hens confined to Sol-Hot Commercial Laying Batteries are not subjected to the hazards which the range fowl must combat. They cannot come in contact with the droppings. They cannot pick up disease germs. The droppings cannot contaminate the feed and water for the feed troughs and water cups are correctly placed outside. Ailing birds are quickly observed and in consequence you have greater opportunity to avoid serious losses. These advantages result in a larger and better quality egg . . . yolk and white are perfect in texture. Sol-Hot Hen Batteries are built of the very best materials throughout . . . no wood parts to rot or warp . . . no crevices to harbor lice, mites or disease germs. The frame is rigidly constructed of heavy $\frac{3}{4}$ -inch angle iron, $\frac{1}{2}$ -inch thick. The floors are of electrically welded galvanized wires, running parallel and spaced so that all droppings fall directly through into the

removable, ARMCO Ingot Iron dropping pans below. Sanitary and easily cleaned. The floors slant downward so that the eggs roll to the front of battery, unsoiled . . . as soon as they are laid. Egg trough extends beyond the front of battery far enough to put eggs out of the hens' reach—thus preventing egg eating and breakage. Galvanized hardware cloth partitions separate the hen compartments, preventing cannibalism, feather picking and fighting. One large capacity no-waste design Feeder for every two compartments. Each feed trough has a center partition, which provides a separate feed compartment for each hen and at the same time prevents feather picking on neck and head. The top trough has a space for egg record cards. Doors are easily opened to remove the hens. The twelve individual Water Cups are of rust-resisting ARMCO Ingot Iron and are easily removed for filling and cleaning. The Batteries stand 12 inches above floor, making it convenient to clean under them. (See next page for larger capacity Hen Batteries with automatic waterers and belt cleaning system.)

SOLHOT Standard 12-Hen Commercial Laying Battery

A small investment will start one or more of the Sol-Hot Standard 12-Hen Units to work for you—and with just a small capacity Plant installed you should have all the eggs needed for home use and besides have some to sell to your friends and neighbors at a nice profit. The price of your Sol-Hot Hen Battery is your entire cost of equipment. It is complete in itself. There are no extras to buy. The feeders . . . water pans . . . everything is included with the Battery. Order as many 12-hen Units as required to give you the desired capacity. Sol-Hot is the best and most scientifically constructed Hen Battery on the market—and is sold to you on a money-back Guarantee.

No. 9-3612—Standard 12-Hen Commercial Laying Battery. Twelve individual hen compartments, each 12x17 inches, 18 inches high. Over-all size of Battery: Height 72 in., Width 24 in., Depth 44 in. Weight 130 lbs. Price.....
Shipped K. D. F. O. B. Quincy, Ill.

\$24²⁵

SOLHOT Special 12-Hen Display Battery Unit

Similar in design and construction to the Standard 12-Hen Unit, illustrated above but built with larger hen compartments, for display use. This Battery fills the need of hatcheries and feed Dealers wanting equipment for the effective display of hens. To attract customer attention, nothing equals a live display. Many dealers use this Sol-Hot 12-Hen Display Battery to conduct small Egg-Laying Contests—including hens from several of their best customers—and find that this not only creates much local interest in the Display but also helps to greatly increase their store sales on feeds, equipment, remedies, etc.

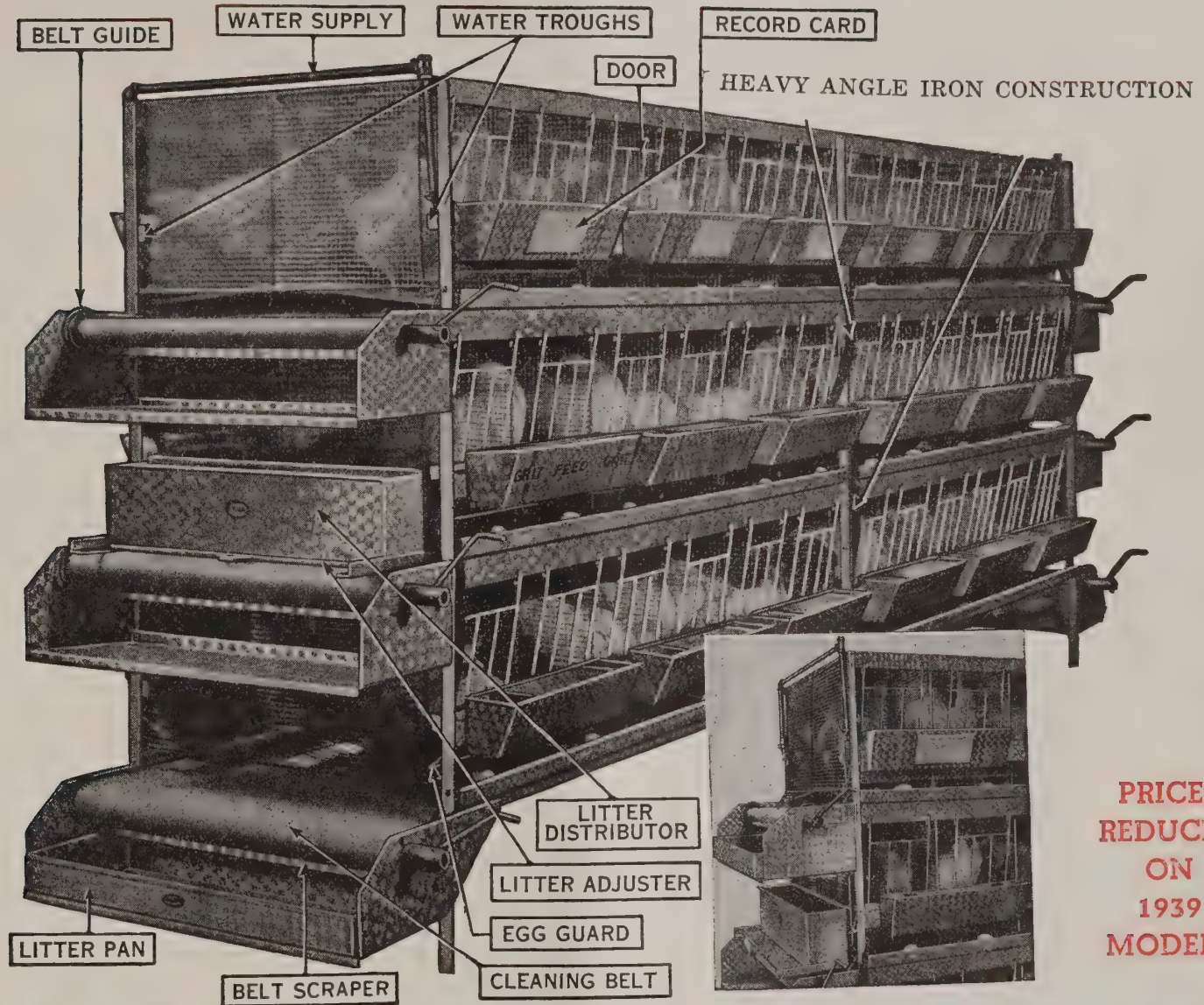
No. 9-3512—Special 12-Hen Display Battery. Twelve individual hen compartments, each 17x17 in., 18 in. high. Over-all size of Battery: Height 72 in., width 34 in., depth 44 in. Weight 140 lbs. Price.....
Shipped K. D. F. O. B. Quincy, Ill.

\$27⁵⁰



THE MODERN EGG FACTORY

SANITARY - - EFFICIENT - - CONVENIENT



PRICES
REDUCED
ON
1939
MODELS

FOR COMMERCIAL EGG PRODUCTION

Sol-Hot Commercial Laying Batteries are made of heavy gauge galvanized material throughout. The all-metal construction provides the utmost in cleanliness and sanitation. No inaccessible corners or crevices to harbor lice, mites and disease germs. The frame is built of $\frac{3}{4}$ -in. angle iron, $\frac{1}{2}$ -in. well braced; holds Battery extremely rigid. Legs are 12 in. high, allowing plenty of space under the battery for cleaning floor.

Roomy, individual hen compartments, each 12x17 in., 18 in. high. The wire doors swing inward. Birds cannot force their way out. Any layer can be quickly and easily removed from her cage without detaching the feed and water troughs. The wire floors made flat and their entire surface represents available floor space. The floors slope only toward the front—just enough to roll the eggs into the egg channel in front of the compartments. The special Egg Guard prevents breakage and egg eating; at the same time it eliminates the possibility of droppings accumulating on the belt slides. One 3-compartment no-waste Feed Trough is furnished for every two cages. Each Trough has a large center compartment for Mash, which supplies two hens—and a separate compartment at each end, providing an individual Grit Box for each hen. Egg Record Card Holders, conveniently arranged for all three decks, are fitted to the Feed Troughs on top deck. Removable Water Troughs on each deck extend the full length of the Battery and are made of rust-resisting ARMC0 Ingot Iron.

The water troughs are covered by flanges on Feed Pans—with just enough water surface left exposed in front of each compartment to afford each hen ample drinking space. The water drips into the troughs on top deck from the supply pipes, which are fitted with pet cocks to regulate the drip. At opposite ends of the three decks are the overflow tubes which carry the water from the top deck into the troughs on the two lower decks. No water pressure necessary. Supply tank may be used. Sol-Hot's Commercial Laying Batteries are furnished with either a Heavy Rubberized Belt or a Light Rubberized Belt. Both types furnished in three sizes—36, 72 and 108 hen capacity. Convenient Litter Distributor and Clean-Out Pans are furnished as regular equipment on Batteries listed below, and when in use are moved from deck to deck as needed.

Dimensions: All Battery Units listed below have individual hen compartments, each 12x17 inches in size, 18 in. high. Over-all size of Batteries—Depth 43 in.; Height 72 in. Other specifications given below.

Most any well constructed building can be used for installing Sol-Hot Laying Batteries. If you have a building available, and will send us a pencil sketch showing complete dimensions, our Service Department will be glad to make the proper recommendation of equipment. We can also furnish plans for constructing a special house for the purpose.

WITH HEAVY RUBBERIZED BELT

Catalog No.	Hen Capacity	Number of Feeders	Number of Water Troughs	Length Over-all	Approx. Weight	Price Complete
9-3736	36	18	6	95 in.	355 lbs.	\$ 92.50
9-3772	72	36	12	165 in.	650 lbs.	157.50
9-37108	108	54	18	235 in.	930 lbs.	222.50

Shipped K. D. Easily Assembled. F. O. B. Quincy, Ill.

WITH LIGHT RUBBERIZED BELT

Catalog No.	Hen Capacity	Number of Feeders	Number of Water Troughs	Length Over-all	Approx. Weight	Price Complete
9-3836	36	18	6	95 in.	330 lbs.	\$ 74.50
9-3872	72	36	12	165 in.	600 lbs.	131.50
9-38108	108	54	18	235 in.	890 lbs.	178.90

Shipped K. D. Easily Assembled. F. O. B. Quincy, Ill.

SELL MORE

**Quickly Turn Ordinary
Dry Feeds, Seeds and Grains
Into Valuable Mixed Feeds**

With



**The Sol-Hot
"Little
Thrifty"**

The Little
Mixer Shown
Below Operates
on a $\frac{3}{4}$ H.P. Motor

FEED MIXER

700 Lb. Capacity

$\frac{3}{4}$ H.P. Motor

"V"
BELT
STYLE



**HIGHEST PRICED FEEDS ARE ONLY SIMPLE
GRAINS AND SEEDS
PERFECTLY, UNIFORMLY BLENDED WITH
PROPER INGREDIENTS**

The grains and seeds which grow in the fields of your community are the simple ingredients which make up the bulk of the costliest feeds. Nature gave these grains and seeds high food value.

**YOU GIVE NEW VALUE TO ORDINARY GRAINS AND SEEDS—WITH
A SOL-HOT FEED MIXER**

The proof of quality feed is in the mixing. The secret of superior feeds is in the perfect blending of the proper ingredients. You have the ingredients right there in your locality. All that you need is a Sol-Hot Feed Mixer to add NEW value to simple grains and seeds. The Sol-Hot is designed for scientifically perfect blending and mixing. It will mix your feeds quickly—uniformly—and at low cost. It will enable you to ADD NEW VALUE to ordinary dry feeds, seeds and grains!

**MIX YOUR FEEDS WHILE THEY ARE "FIELD-FRESH" AND RICH IN
FOOD VALUE—GIVE YOUR CUSTOMERS TOP QUALITY FEEDS**

If you are mixing feeds for your own stock and poultry, you will want these feeds at their best—if you mix feeds for your customers they will demand the best! With the Sol-Hot you mix a bag a minute, yet you are certain of perfect blending of all ingredients.

**HIGH QUALITY FEEDS COMMAND HIGH PRICES—THIS IS WHERE
YOUR PROFIT IS FIGURED**

Your customers are willing to pay good prices for top quality feeds. They realize the economy of giving their poultry and stock the very best. Your customers will willingly pay you high prices for high quality feeds—and what is more—your feed trade will quickly increase. **INSTALL A SOL-HOT FEED MIXER AND WATCH YOUR FEED BUSINESS GROW!**

THE CORRECT MIXING PRINCIPLE

The principle is not to stir and tumble the mixture, but to whirl the various ingredients in the mixing chamber, causing a thorough and even distribution in the shortest possible time. The grains . . . both scratch and ground . . . are loaded into the charging hopper at the bottom of the machine. The large, vertical screw conveyor in the center rapidly revolves and lifts the feed from the bottom to top where the mixing paddle whirls it to the outside edges of the mixing chamber. From there, it falls into the bottom—is elevated and whirled again and again. This permits an unusually thorough mix . . . it means that each handful of feed will contain exactly the proper ingredients in the proper proportion, and likewise every sack will be exactly the same. The charging hopper pivots around on a metal base for easy access to various bins and bags. It may be swung directly under the bag spout and the feed allowed to run, through the charging hopper, back into the mixing chamber, making a continuous flow. When adding a few pounds of some special ingredient to a batch of ready-mixed feed, this is an especially valuable feature and one that is not to be found on other mixers. After the bag has been mixed, the hopper may be raised 6 inches which exposes the screw conveyor and allows the mixer to clean itself in a few seconds running, leaving it clean for the next batch—and, at the same time, your customers are satisfied of full measure.

Little Power Is Required. A $\frac{3}{4}$ H. P. Motor supplies all the power needed for quick, uniform mixing—operating with a motor speed of 1750 R. P. M. and a speed of 400 R. P. M. on the Conveyor Screw. This 700 lb. Mixer is furnished either with or without a $\frac{3}{4}$ H. P. Electric Motor, as ordered.

Standard Equipment includes the 3-inch "V" type Pulley for motor and a 12-inch "V" Pulley for Conveyor shaft; also a high grade Endless Belt, 74 in. long, from the conveyor to motor connection. Pulleys and Belt are furnished on the Mixer, whether ordered with or without the motor.

The Mixer sets on the floor with the charging hopper at a convenient height for loading . . . 19 in. from top to floor. Hopper may be swung directly under the bagging spout and the feed allowed to run directly through the Mixer, back into the charging hopper, and then elevated again into the mixing chamber—making a continuous flow. The hopper can be raised which allows mixer to clean itself in a few seconds running—leaving it ready for the next batch.

This Model is similar in construction and operation to the larger Mixer shown on opposite page. Mixes from 100 to 700 lbs. at a time. **Mixing Chamber** is of heavy galvanized steel, finished in bright red enamel, to insure long life and freedom from rust. Joints are double-locked and riveted, making it dust-proof. The rigid, angle iron Frame with steel base is enameled black and is well braced. Occupies very little space. A floor area 3 ft. square is all that is needed. The extra large bearings insure smooth, quiet running and long, trouble-free operation. The bottom of the spiral Conveyor, which carries the load, runs on lubricated ball bearings. Every part is balanced for smooth running without vibration.

Mixer
Number
9-1700 —Less Motor
9-1700M—With Motor

Mixing
Capacity
700 lbs.
700 lbs.

Specifications—With or Without Motor

Height	From Sacker	Dia. Mixing	Floor Space	Conveyor	Power	Shipping	Price
Over-all	Spout to Floor	Chamber	at Base	Diameter	Required	Weight	Complete
90 in.	31 in.	39 in.	36x36 in.	8 in.	$\frac{3}{4}$ H.P.	325 lbs.	\$110.00
90 in.	31 in.	39 in.	36x36 in.	8 in.	$\frac{3}{4}$ H.P.	390 lbs.	136.00

Shipped Set Up. **F. O. B. Quincy, Ill.** Write for Time Payment Terms.
Motor operates on either 110 or 220 volt alternating current.

FEEDS

Feed Mixers

The Sol-Hot "Big Thrifty"

Here is the Feed Mixer for which you have been waiting! It is the Mixer which thoroughly mixes all kinds of dry feeds and seeds—quickly—uniformly—at LOW COST! All the time that is required for a thorough blend is 5 to 10 minutes after the last of the batch is put into the charging hopper. This means that it is possible to mix a bag a minute—50,000 pounds of feed in one day.

"V" BELT STYLE OFFERS A NEW ECONOMY

The "V" Belt Models are exactly the same in design and construction as the Flat Belt styles. The "V" Belt offers a greater saving of power because it is operated by a 3 H. P. Motor. The 3 H. P. Century Motor provides all power necessary to operate this Sol-Hot Mixer with utmost efficiency. This greater economy of operation adds to your profits. Century Motors are subjected to the insulation test recommended by AIEE and NEMA.

MIXES ALL FEEDS—QUICKLY— UNIFORMLY—AT LOW COST

Take your pencil and do a little "profit arithmetic" and see why the Sol-Hot Mixer is called the "greatest money maker ever offered to the mixer of feeds." This Mixer will mix a bag of feed a minute. All feeds are simply grains and seeds and other simple ingredients—scientifically blended—properly mixed. Now, if you want to make more money on the feed you sell, it's up to you to make that feed more valuable. And how can you make grains and seeds and other simple ingredients more valuable?

This splendid Feed Mixer is priced to suit the thriftiest of business men. In spite of its efficiency, it does not require a large investment and yet it gives those simple grains you buy a new value. You resell the grains you buy—perfectly—uniformly mixed—under your own trade name—and make up to a Dollar a Bag EXTRA Profit on every bag you mix. The fresh, wholesome grains and seeds—when perfectly blended—are worth a Dollar more on the bag. And remember, you can sack a bag a minute with a Sol-Hot Feed Mixer.

MIXES LARGE OR SMALL BATCHES 2000 lbs. or 100 lbs.

The Sol-Hot is built for big capacity—but it is also suitable for small batch mixing. The ton size has a capacity of 2,000 lbs. dry mash—the half-ton, 1,000 lbs.—and on scratch and similar feeds much more. Small batches of feed in any amount—as little as 100 lbs.—can be mixed with equal ease and perfection of blend. In addition to the mixing of all dry grains, mashes, poultry and stock feeds, this Mixer will also handle all dry ingredients which are to be blended for fertilizer and spraying.

GIVE YOUR CUSTOMERS BETTER FEEDS

The valuable mineral salts and natural vitamins are retained in high degree when mixed in the Sol-Hot Mixer and if desired, the grains and seeds can be mixed without cracking. This means a better bag of feed and no waste.

Arrange to Install YOUR Sol-Hot Feed Mixer this month. Send a card for our plan which makes this easy for you to do. Write today!

Specifications — Above and Below-the-Floor Models — "V" Belt Drive

ABOVE-THE-FLOOR MODEL

Mixer Number	Capacity	Height Over-all	Floor Space at Base	Ht. Charging Hopper to Floor	Diameter Mixing Chamber	Motor Speed	Speed of Conveyor Screw	Power Required	Shipping Weight	Price Complete Less Motor
9-1834-V	1000 lbs.	98 in.	39x39 in.	22 in.	52 in.	1750 R.P.M.	300 R.P.M.	3 H.P.	650 lbs.	\$195.00
9-2934-V	2000 lbs.	110 in.	48x48 in.	22 in.	61 in.	1750 R.P.M.	300 R.P.M.	3 H.P.	800 lbs.	262.00

BELOW-THE-FLOOR MODEL

Mixer Number	Capacity	Height Above Floor	Depth Below Floor	Height Sacker Spout to Floor	Dia. Mixing Chamber	Floor Space at Base	Size of Pit Required	Power Required	Shipping Weight	Price Complete Less Motor
9-1835-V	1000 lbs.	98 in.	27 in.	31 in.	52 in.	42x42 in.	38 1/2 x 62 x 48" deep	3 H.P.	778 lbs.	\$220.00
9-2935-V	2000 lbs.	110 in.	27 in.	31 in.	61 in.	48x48 in.	48 1/2 x 68 x 48" deep	3 H.P.	885 lbs.	300.00

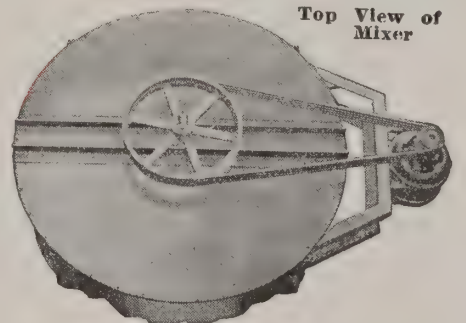
9-1 Cutler Hammer Across-the-Line Manual Starter..... 9.00
 9-01 3 H. P. Electric Motor for above models ready to operate. 3 Phase, 60 Cycle, 220 to 440 Volts. Shipping Wt. 75 lbs. 75.00
 Write for Time Payment Terms. Shipped Set-Up. F. O. B. Quincy, Ill.



Above the Floor Model

BELTING OF SUPER QUALITY

The four "V" type Pulley Belts which are furnished are designed especially to meet the service requirements expected of them. They provide a scientifically designed surface for pulley contact and offer maximum resistance to slipping, shifting or edge-wear. In fact, they offer the answer to all drive belt problems.

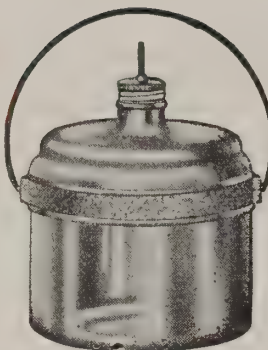


Top View of Mixer

Standard Equipment includes four 3-inch "V" type Pulley Belts for motor and a 15" "V" Pulley for Conveyor Shaft; also four high grade Endless Belts, 105 inches long, from the Conveyor to Motor connection. Pulleys and Belts are furnished on the Mixer, whether ordered with or without the Motor. A Cutler-Hammer Across-the-line Manual Starter for easy operation and overload protection, furnished at extra cost.

OIL CONTAINER

Fits most Oil Brooders. Valve made of brass with steel coil spring. Weight 5 lbs., F. O. B. Quincy, Ill.
No. 9-337—Glass Oil Bottle with valve. Price, 1.50
No. 9-334—Glass Oil Bottle less valve. Price, 1.25
No. 9-335—Valve only30



ELECTRIC THERMOSTATIC ALARM SWITCH

(Not Illustrated) — Adjustable to various temperatures. Operated by Thermostatic Wafer. Complete less Bell and Wire.
No. 9-1600—Dependable Alarm—Price Ea. \$2.75
Postage \$0.10.

BRASS SUN HINGE LAMP BURNERS



No. 9233

Successful burners for lamps, incubators, brooders and fountains. Single wick style. Size 3 also furnished in double wick type.

No.	Size	Size	Price	Price
	Threads	Wick	Each	Dozen
9-921	1	7/8	\$0.45	\$4.80
9-922	2	1 1/8	.55	6.00
9-923	3	1 1/4	.70	8.40
9-9233*	3	1 1/4	.95	10.80

*Double Wick. All Postpaid in U. S. A.

ZENITH CHIMNEYLESS BRASS BURNERS



Require no chimney. For incubators, brooders, or fountains. Single wick style only. Postpaid in U. S. A.

No.	Size	Size	Price	Price
	Threads	Wick	Each	Dozen
9-951	1	7/8	\$0.70	\$7.80
9-952	2	1 1/8	.85	9.50

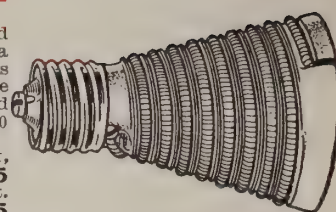
VIOLET LIGHT

Violet Electric Bulb used as a heating element or light in Electric Brooders. For 110 or 32 volts. 60 watt.
No. 9-V—Violet Light Bulbs, each \$0.75
Dozen 8.50
All Postpaid in U. S. A.



HEATING ELEMENT

For use in Battery and Canopy Brooders. Puts out a large amount of heat. Uses little electricity. Lifetime Guaranteed Asbestos-bound heating wire. 60 watts. 110 volt only.
No. 9A-5004—Heating Element, each \$0.55
No. 9-5004S—Heating Element, 400 watt, each65
Postage 5c. Extra



KUMFORT ELECTRIC SWITCH

Enclosed in Bakelite Box



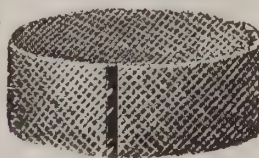
Accurate snap-type Electric Thermostat Switch for Electric Battery Brooders, Incubators. Positive in action. Turns electricity on and off on correct degree. Same unit used on Sol-Hot Electric Battery Brooders. Will not cause radio interference common with

many cheap controls. All mechanism enclosed in a dustproof BAKELITE box which eliminates possibility of short circuits. Carefully built throughout of best materials.

No. 9-481—Kumfort Switch, as shown, with one 3-inch Double Wafer. Weight 2 lbs. Price \$1.95

No. 9-482—Kumfort Switch, with two 3-inch Double Wafers for Incubator use. Weight 2 lbs. Price 2.45

No. 9-1WB—3-Inch Double Wafer only, Price, each 35c. Dozen 3.15
Mailable—Postage Extra



BROODER STOVE WICKS

Brass Wire Woven Wick, made of asbestos fibre, easily cleaned, no trimming. Not injured by burner burning dry.

Suitable for use in Blue Flame Brooder Stove. Width 1 1/2 in., dia. 3 1/2 or 5 in. Be sure to state dia. of wick wanted.

No. 9A-340—Wick. Price each \$0.25; 3 for 60c; Doz. \$2.25. All Postpaid in U. S. A.

RED FELT LAMP WICKS

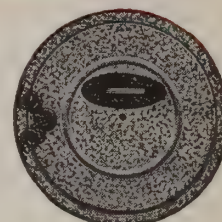
No. 9-2080—For size 1 Burner, per doz. \$0.30
No. 9-2090—For size 2 Burner, per doz. .50
No. 9-2100—For size 3 Burner, per doz. .60
Postpaid in U. S. A.

SOL-HOT ELECTRIC HEATING ELEMENTS

—for heating fountains, canopy brooders, etc. Furnish an immense amount of heat, consuming little electricity. The electric element is of the flat type, completely enclosed by metal discs. For operation on 110 volt alternating current only. Two sizes.

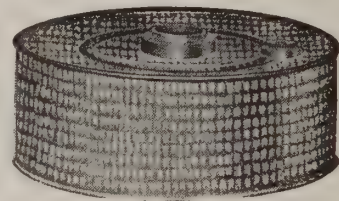
No. 9-136—Sol-Hot Electric Heating Element, as shown. Diameter 8 in. Capacity 60 watts. Shipping Wt. 1 lb. Price each \$1.50

No. 9-138—Sol-Hot Electric Heating Element, as shown. Diameter 8 in. Capacity 100 watts. Shipping Wt. 1 lb. Price each 1.60
Postage Extra



Galvanized steel—double seamed. For Incubators or Brooders, Oat Sprouters and Fountain Heaters.

Bowl 7 in. in dia., 3 1/2 in. deep. Capacity 2 quarts. With size 1, 2, or 3 burner collar. Weight 2 lbs. Postage 15c each extra.



No. 9-961—Lamp Bowl for No. 1 size Burner. Price Each \$0.55
9-962—Lamp Bowl for No. 2 size Burner. .65
9-963—Lamp Bowl for No. 3 size Burner. .80

METAL CHIMNEYS

For Incubators and Brooders. Galvanized steel with mica window; 6 inches high. Postage 5c. each extra.

No.	Each	Doz.
9-11—For size 1 Burner....	\$0.25	\$2.40
9-22—For size 2 Burner....	.25	2.40
9-33—For size 3 Burner....	.25	2.40

SOL-HOT WAKE-O ELECTRIC TEMPERATURE ALARM

Uniform temperature in the incubator or brooder is very essential in the successful hatching and raising of strong, healthy chicks. Over-heating and chilling is always disastrous, being an ever-present hazard and the cause of a large loss of money each year to the poultrymen. Every incubator and brooder should be equipped with a WAKE-O Automatic Alarm. It saves its cost many times in one season.

Gives a continuous signal when the temperature rises or drops beyond the point at which the controlling contacts are set. These can be easily adjusted for any desired range of temperature, permitting the use of the signal in many other places than incubators and brooders.

Should fire break out in or near the incubator or brooder, warning is given immediately by the ringing of the bell.

On account of the heavy shipping weight the standard dry cell is not furnished.

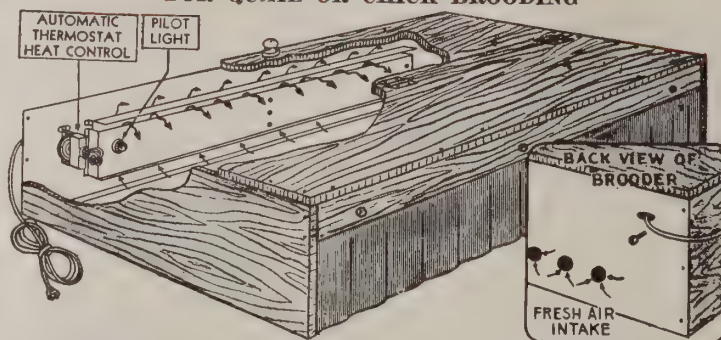
No. 9-221—Wake-O Alarm, complete with bell, switch and 75 ft. of wire and instructions. Wt. 2 lbs. Price \$5.70

Prepaid in U. S. A.



SOL-HOT ADAPTABLE BROODER HEATER

FOR QUAIL OR CHICK BROODING

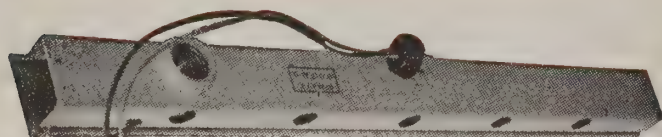


A practical heating unit which you can use to build your own electric canopy brooder. Will heat and ventilate brooder, assuring fresh, preheated air within brooder chamber—so essential to good brooding. Plans for building brooder accompanies heater. Size of heater units—11 1/2 x 48 in., and 11 1/2 x 36 in., respectively. Heater forms rear end of your brooder—you build the rest. Complete with 10 watt Pilot Light; eight foot cord and automatic switch.



No. 1236 Heater Complete (11 1/2 x 36) \$5.50
No. 9-1248—Adaptable Brooder Heater, 400 Watt, 115 V., size 11 1/2 x 48 in. Ship Wt. 11 lbs. Cap. 300 chicks, each \$6.50
No. 9-1236—Adaptable Brooder Heater, 300 Watt, 115 V., size 11 1/2 x 36 in. Ship. Wt. 8 lbs. Cap. 200 chicks, each 5.50

SOL-HOT ENCLOSED ELECTRIC HEATING ELEMENT



Economical heating Element. Ventilated type for Brooders, Water Troughs, etc. Steel Case, Nichrome Heater Coil, Porcelain Insulation. With or without Light Bulb Socket. Length—23 3/4 x 1 1/2 x 2 1/4 in. Shipping Wt. 2 lbs. Five year guarantee.

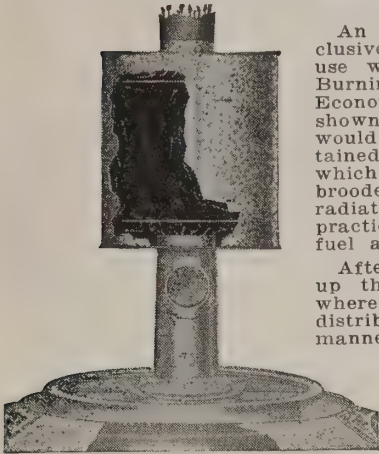
No. 9-5003S—Electric Bar Element—100 Watt with Socket. Each \$1.95
No. 9-5003—Electric Bar Element—100 Watt—Less Socket. Each. 1.60

Postage Extra

Brooder Stove Accessories

SOL-HOT NEW FUEL ECONOMIZER

Increases Heat Output Up To 33%
REDUCES FIRE HAZARD



Can be used with any Drum-Type Oil Brooder

Brooder and Laying Houses, Battery Brooder Rooms, also farrowing pens, etc., during the damp, cold weather of fall and winter months. The Heat Drum of heavy galvanized steel is made to fit 5-in. stovepipe—but can be adapted for 4-in. pipe by using a 5- to 4-inch. pipe reducer at both top and bottom of drum. (Not recommended for use with coal and wood burning brooders).

30 DAYS TRIAL OFFER

Sol-Hot Fuel Economizer is fully guaranteed. Try it for 30 days. If you find it to be other than represented—that it does not do all we claim for it—you will be permitted to return it and get your money back promptly.

No. 9-158—Fuel Economizer with heat radiator drum 15 inches high, 15 inches in diameter; for 5-in. pipe. Packed one in carton, weight 12 lbs.
Price each\$2.85

F. O. B. Quincy, Ill.

SOL-HOT REVOLVING FLUE CAP

KEEPS THE RAIN OUT AND
PREVENTS BACK DRAFTS

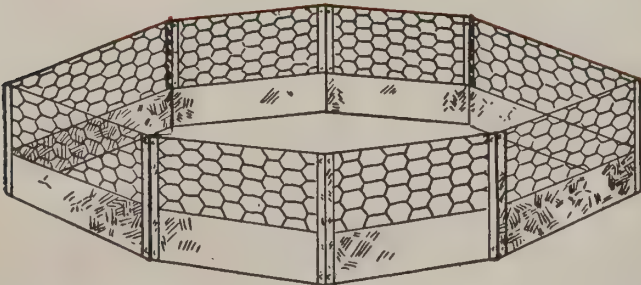


Used on top of smoke pipe stack, Sol-Hot Revolving Flue Cap will increase the efficiency of any brooder stove. It absolutely eliminates the possibility of down drafts, as the vane turns with the slightest breeze. Also prevents driving rain or snow blowing down, inside the pipe and interfering with regulation of fire and heat control. Made of rigid galvanized steel. Fits only 5-in. stovepipe.

No. 9-705—Revolving Flue Cap. Dia. 5-in. Weight each 2 lbs. Price each\$0.75
Weight, packed 12 in carton, 15 lbs.

F. O. B. Quincy, Ill.

SOL-HOT BROODER STOVE FENCE



Keeps the chicks in close to the brooder—prevents them from straying too far and getting chilled. Furnished in sets of 8, 10, and 12 sections. Each section is 26-in. long. Metal base protects the chicks.

No. 9-525—8-Section Fence, Dia. 69 in. Wt. 14 lbs.\$3.25
No. 9-526—10-Section Fence, Dia. 84 in. Wt. 20 lbs. 4.00
No. 9-527—12-Section Fence, Dia. 99 in. Wt. 25 lbs. 4.80

F. O. B. Quincy, Ill.

For Wafer Thermostats . . . See Page 63

SOL-HOT BROODER STOVE PIPE

WITH PATENTED "SNAPLOCK" FEATURE



Easiest of all pipes to set up.
Requires no tools
—no hammering
—no rivets. It is

put together as shown in illustration above, by simply inserting tongue on one edge into fold on the opposite edge and pressing together until it snaps—when the pipe is locked and ready for use. The "SNAPLOCK" Feature gives a secure lock the full length of joint and leaves outside surface perfectly smooth. Can be cut into any fractional length without destroying the locking feature of cut pieces. Impossible to collapse or expand when joints are fitted together. All sections come rolled and ready for seaming, in joints of 24-in. length.

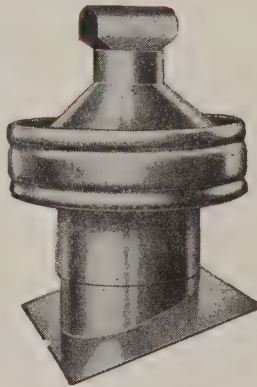


No.	Material	Size	Wt. Doz. Joints	Price per Joint	Dozen Joints	Case of 25 Joints
9-65	28 ga. Galvanized	4 in.	23 lbs.	\$0.30	\$3.15	\$6.30
9-67	28 ga. Galvanized	5 in.	31 lbs.	.40	4.15	8.25
9-64	30 ga. Black	4 in.	15 lbs.	.25	2.40	4.80
9-68	30 ga. Black	5 in.	18 lbs.	.30	3.00	6.00

F. O. B. Quincy, Ill.

SOL-HOT COMBINATION ROOF SADDLE AND VENTILATOR

Here is an excellent Ventilator and Adjustable Roof Saddle combined into one unit at the usual cost of the ventilator only. The poultryman has only one hole to cut in the roof, only one installation to make, and efficient brooder house ventilation is assured. The adjustable base fits roofs from flat to 20 degree pitch. Throat diameter 8 in. Allows plenty of space around pipe for ventilation. The saddle takes 4- or 5-in. stovepipe without cutting or fitting. Comes complete with removable rain-proof flue cap.

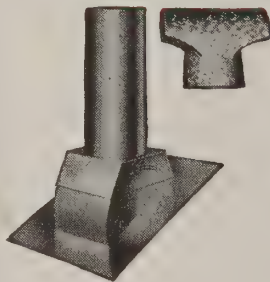


No. 9-208K—Combination Roof Saddle and Ventilator. Wt. each, 8 lbs. Price each\$2.60

Packed 2 in carton, wt. 14 lbs.

F. O. B. Quincy, Ill.

SOL-HOT ADJUSTABLE ROOF SADDLE



Flue cap is Extra
Adjustable Roof Saddle.
Can be used on any pitch roof.

Adjustable to any pitch of roof. Simply move the adjustable portion and, when pipe is perpendicular, lock it in place. Assures an absolutely water-tight and fire-proof job. Well-made of galvanized iron. Complete with adjustable base, and 14-inch pipe extension. Pipe is tapered from base to top. Any ordinary 4- or 5-inch pipe will slip into the pipe extension several inches. Makes it easy to install a brooder stove without cutting pipe. Flue cap is extra. Prices F.O.B. Quincy, Ill.

No. 9A-142E—4-inch Room Saddle. Wt. 5 lbs., price each.....\$1.10

No. 9A-143E—5-inch Roof Saddle. Wt. 6 lbs., price each..... 1.25
Above packed 2 in carton, wt. 8 lbs.

FLUE CAPS

No. 9-604—4-inch Flue Cap. Wt. 2 lbs. Price.....\$0.30
No. 9-605—5-inch Flue Cap. Wt. 2 lbs. Price..... .35

Caps packed 2 in carton, wt. 3 lbs.

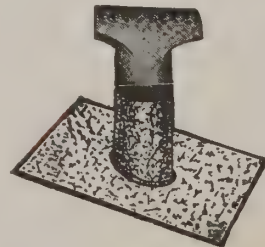
All F. O. B. Quincy, Ill.

SOL-HOT RAIN-PROOF ROOF SADDLE

For use on pitch roof. Fitted with a rain-proof cap. Assures good draft and eliminates fire hazard. Made of galvanized steel. Two sizes—for 4- or 5-in. pipe. State size wanted when ordering.

No. 63—Roof Saddle with cap. Size 4- or 5-in. dia. Wt. each 2 lbs. Price..\$0.85
Six in carton, wt. 13 lbs. Price..... 4.05

Mailable. F. O. B. Quincy, Ill.



SOL-HOT SPECIALTIES SAVE LABOR AND TIME

SOL-HOT "NU-WAY"

CHICKEN KILLER

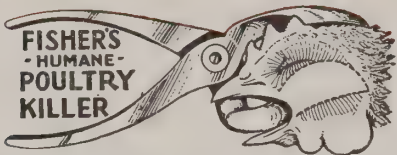


The quickest most humane method of killing poultry ever devised. The sharp blade descends in slots and strikes the fowl in spinal cord, causing instantaneous death. For market purposes, a light blow will puncture the spinal cord and leave the fowl with head intact.

For household use, a slightly harder blow is struck, severing the bony structure of the neck. In neither case does the head fly completely off, but is left hanging by the skin. Attach machine to any solid wood support.

No. 9-632—"Nu-Way" Chicken Killer ..\$1.25
Prepaid in U. S. A.

HUMANE POULTRY KILLER



Solves the problem of killing chickens, turkeys, ducks and geese in a humane, safe and easy way. So simple that a boy or girl can use it and make a perfect kill. Simply insert blade in mouth of the bird, close the handles and the bird is brained and bled by the one operation, requiring less than 5 seconds. The blade severs the bridge vein, draining both main arteries. It also pierces the brain, disrupting the nerve center at base of skull, which causes relaxation of the muscles, loosening the feathers. Made of stainless aluminum with stainless steel blade.

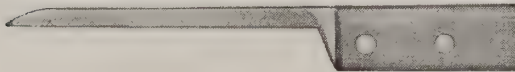
No. 9-638—Poultry Killer, price each ..\$1.45
Prepaid in U. S. A.

SOL-HOT KILLING KNIVES



The most popular pattern of poultry killing knife. Scientifically built. Recommended almost exclusively by various Agricultural Schools to poultry raisers and produce houses.

No. 9-323—Poultry Killing Knife. Over-all length 7½ in. Blade 3 in. long. Price each..\$0.50
Dozen, weight 2 lbs., price..... 5.00



No. 9-2694—Turkey Sticker. Designed specifically for turkey killing. Well made, with a 4 in. blade.

Price each\$0.65
Dozen, weight 3 lbs., price..... 7.20

Prepaid in U. S. A.

"SAVE-ALL" PINNING KNIFE



This is a favorite pinning knife. Used almost universally. Substantially built. Hardwood handle, well riveted. Length over-all 5½ in. Blade 2½ in. long.

No. 9-113R—Pinning Knife, price each..\$0.35
Dozen, weight 2 lbs., price..... 3.00
Prepaid in U. S. A.

SOL-HOT LIVE CHICKEN WEIGHER

This dependable poultry scale, was designed particularly for weighing the individual fowl—alive or dressed. Just the thing for weighing live chickens. Simply insert the fowl, head first, in the galvanized funnel scoop and the scale automatically gives exact weight. Capacity 10 lbs. by ounces. Made of cold rolled steel, with a 6½-in. dial, fully protected by glass. Warranted accurate. Each balance is carefully hand assembled from accurate machined parts, tested by skilled workmen and carefully inspected before leaving the factory. The balance scoop is suspended by three strong chains. Wt. 6 lbs.

No. 9-331—Scale with Funnel Scoop. Price\$5.00

Postage Extra

SOL-HOT UTILITY SCALE

An accurate Scale for weighing Poultry and for general farm and dairy use. Made of heavy sheet steel with an 8 in. Solid Brass Dial. The loose pointer, adjusted by thumb screw at center, may be set anywhere on dial to offset weight of container. Capacity 60 lbs., graduated by 1/10-lb. Indicator travels twice around dial to weigh the full capacity. Green enamel finish and fitted with a heavy tinned hook.

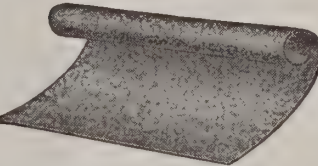
No. 9-62B—Utility Scale. Dimensions 8x2x17 in. Wt. 5 lbs.

Price, each.....\$6.50

F.O.B. Quincy, Illinois

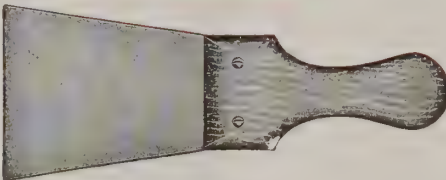
SOL-HOT HAND SCRAPER

A handy little tool for scraping out corners, for cleaning battery brooder trays, brood coops, nests, dropboards, etc. Made of heavy galvanized steel, 10 in. long.



No. 9A-289—Hand Scraper, each.....\$0.25
All Prepaid in U. S. A.

SOL-HOT "ALL-PURPOSE" SCRAPER



Useful in cleaning Battery Brooder and incubator trays. A fine wall scraper. 3 in. wide steel blade. Wood handle. Length over-all, 9¼ in. Wt. 10 oz.

No. 9A-2887—Scraper, each.....\$0.40
Dozen\$3.80

Prepaid in U. S. A.

SOL-HOT HUMANE FOWL CATCHER

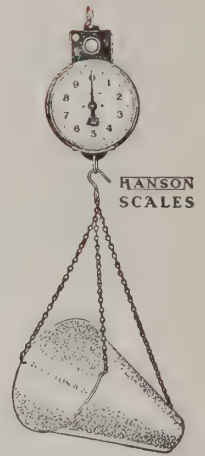


Catches and holds fowl without injury. Saves time and annoyance. Heavy steel copper coated rod, with hook end and wood handle. Length 45 in. Furnished with customer's name and address printed on handle at an extra charge of \$2.50 per 100; \$3.50 per 250; \$4.50 per 500; \$6.00 per 1000.



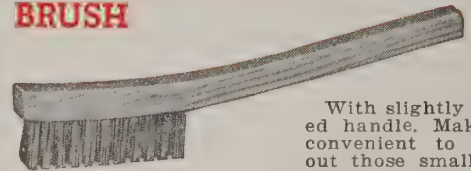
No. 9-635—Fowl Catcher, price each...\$ 0.25
Dozen 1.80
Price per 100 12.00

Prepaid in U. S. A.



No. 9-331

SOL-HOT HAND STEEL WIRE SCRATCH BRUSH



With slightly curved handle. Makes it convenient to clean out those small corners and out-of-the

way places. Invaluable to the hatcheryman and poultry raiser. Has 3x19 rows of wire. Length 14 inches. Wires extend 1¼ inches out of block.

No. 9-1651—Brush, each..\$0.30; Doz..\$2.75

Mailable. Postage Extra.

SOL-HOT ROOST, FLOOR AND DROP-BOARD SCRAPERS

These scrapers are real tools for cleaning dropping boards, roosts and floors, and for removing snow and ice from walks. Also handy for leveling gardens.

The blade is of high quality carbon steel, slightly curved. Sturdily constructed to stand hard usage. The socket into which the wood handle fits is riveted to blade. Made in two sizes. Easily handled.

No. 9-3755—Scraper with 12-inch curved blade and 4 ft. wood handle. Wt. 2 lbs. Price each\$0.75
Price per dozen 7.50

No. 9-3756—Scraper with 15-inch curved blade and 4½ ft. wood handle. Wt. 3 lbs. Price each\$1.25
Price per dozen 12.00

F. O. B. Quincy, Ill.

SOL-HOT HANDY FLOOR AND WALK CLEANER



Sturdily built with strap socket securely riveted to blade. Handle 4 ft. long. Blade 7 in. wide. Weight 3 lbs. Mailable. F. O. B. Quincy, Ill.

No. 9-17—Cleaner, each..\$0.50; Doz..\$5.50

BROODER THERMOMETERS

NO. 9-444C BROODER THERMOMETER

This handy style Thermometer was especially designed to insert through hole in top or canopy of brooder—placing the bulb in the actual brooding temperature and the scale outside for easy reading. White enameled scale with black figures and graduations. Wood frame 7 $\frac{1}{4}$ in. long. Magnifying lens tube filled with non-fading red liquid. Range 80 to 120 degrees Fahrenheit.

One in Carton, price.....\$0.45
Dozen, wt. 4 lbs., price.....5.00
Prepaid in U. S. A.

No. 444C

NO. 9-12C BROODER THERMOMETER

Variation of a few degrees in brooding temperature often marks success or failure for the poultry raiser. Use this accurate, dependable Brooder Thermometer. Green enameled frame 7x1 $\frac{1}{2}$ in. Scale and numerals in black for easy reading. Registers from 10 degrees below zero to 120 degrees above, F. Non-fading red spirit, magnifying lens tube.

One in Carton, price.....\$0.25
Dozen, wt. 3 lbs., price.....3.00
Prepaid in U. S. A.

No. 12C

NO. 581C BROODER THERMOMETER

Nonrust white enameled frame 8x2 in. Black figures. Non-fading red liquid, bulb protected. Shows correct brooding temperature for chicks from 1 to 30 days old. Registers 10 degrees to 120 degrees F.

One in Carton, price.....\$0.35
Dozen, wt. 4 lbs., price.....4.00
All Prepaid in U. S. A.

No. 581C

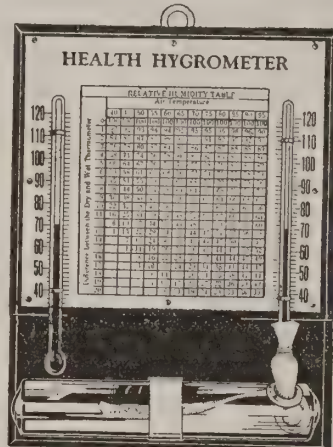
HEALTH HYGROMETER

Correct Humidity Means Bigger
Hatches—More Profits

This dependable Hygrometer is recommended to determine the relative and absolute humidity in Incubators, Brooder and Poultry Houses, Homes, Schools, Stores, Public Buildings, etc. It is not a regulator of moisture, but shows exactly what the conditions are, so that, if not correct, they may be made so. Scale range 40 to 120 degrees F. Satisfaction Guaranteed.

No. 9-466C Health Hygrometer, wt.,
3 lbs., each\$ 1.40
Per Dozen, wt. 15 lbs., price 16.20

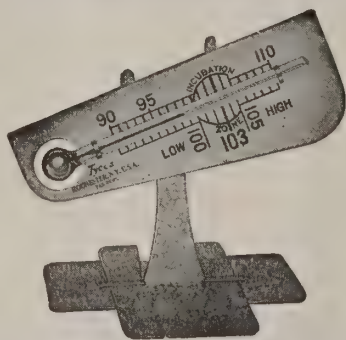
Prepaid in U. S. A.



INCUBATOR THERMOMETER

Certified Taylor Incubator Thermometer. Sold under a 5-Year Guarantee of tested accuracy. Can be used to test cheaper thermometers. Black 4-inch scale with white figures and graduations. Tube is mercury filled with magnifying lens engraved in 1 degree divisions.

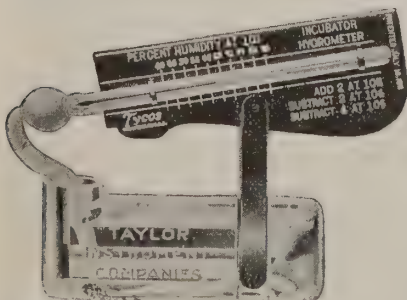
No. 9-5783—Thermometer. One in
carton\$ 1.20
Dozen, wt. 3 lbs., price 14.00



INCUBATOR HYGROMETER

Many chicks die in the shell for want of proper humidity during incubation. The Taylor Hygrometer indicates the amount of moisture in the incubator so that proper humidity can be maintained. Black scale with white figures and graduations, glass cistern and wick. Stands 3 $\frac{3}{4}$ in. high, 4 $\frac{1}{2}$ in. wide overall. Each in a box complete with directions. This Hygrometer carries a 5-Year Guarantee of Tested Accuracy.

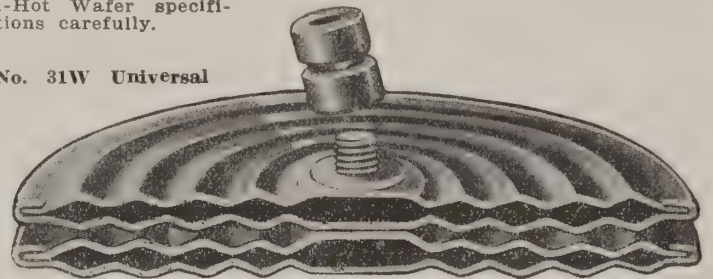
No. 9-5796—Hygrometer, each.....\$ 1.70
Per Dozen, weight 7 lbs., price.....20.00
No. 9-57961—Extra Wicks, per dozen......75
Prepaid in U. S. A.



A COMPLETE WAFER SELECTION

There's a Sol-Hot Wafer for nearly every type and style of Brooder Stove — Oil — Coal — Wood — Gas — Electric — also Battery Brooders — Electric — Oil — Gas and Hot Water Heated. Read Sol-Hot Wafer specifications carefully.

No. 31W Universal



SOL-HOT UNIVERSAL TYPE WAFER

This Wafer is readily adapted for use on nearly all coal brooders, many oil brooders and incubators—fits over sixty of the most popular styles. The threaded Universal stud, shown above, screws onto the male Screw Post 2 on top and thus converts it into either the Plain Post 5 or Female Post 7. Here in this one unit you actually get the advantage of seven different wafers, for the Universal is made to serve the purpose of the following wafers: Nos. 1W, 2W, 3W, 5W, 7W, 21W and 1WB. This Universal feature is especially advantageous to dealers, for it means that now there is only one style of Wafer to stock, where before seven different styles were required.

No. 31W—3 inch, Double Disc Universal Wafer.....\$0.35 \$3.30
Each Dozen
Shipping wt. ea. 4 $\frac{1}{2}$ oz.—Doz. 3 lbs.

IMPORTANT SOL-HOT WAFER FEATURES

The Wafer discs are of brass and are deeply corrugated, with the edges double seamed, to give added strength and spring to the wafer. A heavy coating of solder is sweated into the double seamed joints and extended back $\frac{1}{4}$ in. from edge. Solid brass post securely soldered from inside.

One of the most costly defects about an incubator or brooder can be in the Thermostat wafer. Sol-Hot Wafer Thermostats are accurate and positive in action and give long, dependable service. In the factory, these Wafers have been expanded and contracted many thousand cycles with no apparent injury. Made entirely of best quality, bright finish Brass and especially treated to retain their bright finish indefinitely.

COAL BROODER WAFERS

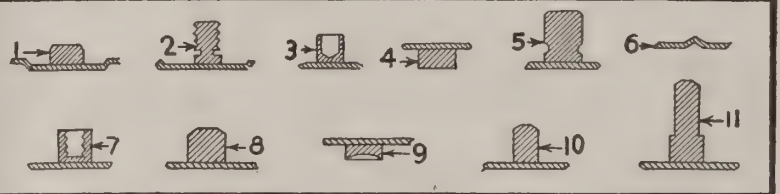
	Price Each	Price Dozen
No. 9-1W—3 inch Double for Sol-Hot, Belle City, Buckeye, Big Chief, Dandy, Hudson, Imperial, Klondike, Makomb, J. W. Miller, Moe, Montgomery Ward, National, Reliable, Red-Hed, Royal, Anderson, Oakes, Sears Roebuck, Torpedo, Up-to-Date, Posts 5 and 6.....	\$0.35	\$3.15
No. 9-3W—3 inch Double for Jamesway new-style Brooder. Posts 2 and 6.....	.35	3.15
No. 9-10W—3 inch Double for old-style Jamesway, Drew and Cole. Posts 2 and 7.....	.35	3.45
No. 9-15W—4 inch Double for Ohio old-style Brooder Posts 2 and 6. Wt. ea. 7 oz.—Doz. 5 lbs.....	.45	4.50

OIL BROODER WAFERS

No. 9-1W—3 inch Double for Brower Super-Blast, Drum Major, Monitor, Crown, Sol-Hot, Twin-Float, Montgomery Ward, Reliable, Makomb, Up-to-Date, Post 5 and 6.....	.35	3.15
No. 9-21W—3 inch Double for Silent Sioux new style Posts 2 and 4. Wt. ea. 4 $\frac{1}{2}$ oz.—Doz. 4 lbs.....	.35	3.15
No. 9-3W—3 inch Double for Rite Heat, Brower Twin-Blast, Hudson, Queen, Makomb, Montgomery Ward, J. W. Miller, Sears Roebuck, Posts 2 and 6.	.35	3.15
No. 9-6W—3 inch Double for Simplex, Behler, Sunshine, Lincoln, Phelan, Siebring. Posts 7 and 10...	.35	3.45
No. 9-7W—3 inch Double for Silent Sioux old-style. Posts 4 and 7.....	.35	3.15
No. 9-2W—3 inch Double for Moe Brooder. Posts 2 and 9.....	.35	3.15

INCUBATOR WAFERS

No. 9-2W—3 inch Double for Brower DeLuxe, Belle City, Buckeye, Safety Hatch, J. W. Miller, Ideal, Moe, Sears Roebuck, Makomb, Automatic, Klondike. Posts 2 and 9.....	.35	3.15
No. 9-5W—3 inch Double for Reliable, Sure Hatch, Mankato, Simplicity. Posts 5 and 9.....	.35	3.15
No. 9-12W—3 inch Double for Hibbard, Favorite, Montgomery Ward. Posts 2 (with $\frac{3}{8}$ thread) and 9.....	.35	3.45
No. 9-9W—3 inch Single for Oakes, Sears Roebuck, Brown Hen, Ironclad, Wisconsin, Sears Big Gray Hen. Posts 2 and 9.....	.30	2.80
No. 9-WM—Woodmaster Wafer.....	.60	6.00



For the convenience of our customers we illustrate, above, eleven of the most commonly used wafer posts. When ordering, give the catalog number of wafer and the size, specify the make of Incubator or Brooder and designate style of posts by number.

ELECTRIC BROODER WAFERS

No. 9A-5W—3 inch Double for Lyon Electric. Posts 5 and 9.....	Each \$0.35	Dozen \$3.15
No. 9A-8W—3 inch Single for Oakes, W. J. Smith, Wizard, Radio Round. Posts 7 and 10.....	.30	2.80

BATTERY BROODER WAFER

No. 9A-1WB—3 inch Double for all Brower Electric Battery Brooders. Posts 4 and 7.....	.35	3.15
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All Prices F.O.B. Quincy, Ill.—Shipping wt. all 3 in. wafers, ea 3 $\frac{1}{2}$ oz.—Doz. 3 lbs.

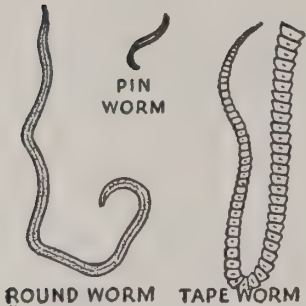
Opportunity **KEEP THESE REMEDIES AND SUPPLIES** To Save Money **ON HAND**

Sol-Hot Offers These Savings

IT PAYS BIG TO WORM BIRDS

BE PREPARED FOR EMERGENCIES

SOL-HOT ADULT POULTRY DRINKING WATER TABLETS



Large Round Worms (ascaris) may be found in chickens, turkeys, domestic ducks and geese. Round worms may be present in such numbers as to block the intestines. Large numbers of the young Round Worms may even kill chicks in from 10 to 12 days. Round Worms stunt the growth of chicks and prevent proper bone development, resulting in weakness. Young birds are often seriously affected. Grown fowls with Round Worms may be unthrifty and their egg production low. Adult Round Worms even, occasionally, wander up the oviduct and become trapped in the hen's egg as it forms.

The Tape Worm (R. Tetragona) may cause loss of appetite, a general condition of droopiness or unthriftiness, intestinal catarrh and diarrhea. Young fowls are most seriously affected. Occasionally

lameness and paralysis may be due to heavy infestation of certain types of tape worms.

DOES YOUR FLOCK HAVE WORMS?

It's easy to find out. Kill a suspicious looking bird—one that looks droopy, off feed, pale comb. Slit the intestinal tract open with a pair of scissors (from vent to gizzard) and look for white, string-like round worms from 1 to 4½ inches long. If you find any round worms, buy Sol-Hot TUWAY Compound Tablets—one tablet for every bird in the flock.

SOL-HOT TUWAY COMPOUND TABLETS

Contain (1) Nicotine. Nicotine has long been recommended for its action against Round Worms (ascaris) in domestic birds. Contain (2) Arecoline-Hydrobromide. Contain (3) a Purge to more quickly force out those Round Worms destroyed or stunned by the above anthelmintic that must be ground up in the gizzard before the Nicotine, Arecoline-Hydrobromide and the Purge can be released into the intestinal tract where Round Worms may be found. None of these medicinal ingredients, therefore, are absorbed by the tender mucus membranes in the mouth, throat, crop or glandular stomach—all are held back to be released, in full strength, in the gizzard directly above the intestinal tract.

Don't neglect this very important part of poultry husbandry. Inspect for worms regularly. Make every effort to keep your flock as worm-free as possible. This helps save feed, helps build resistance to disease, helps toward faster growth and earlier maturity.

ADULT SIZE SOL-HOT TUWAY COMPOUND TABLETS

Only one tablet is directed for each adult chicken, turkey, duck and goose over 2 lbs. live weight. Sol-Hot TUWAY Tablets contain what is considered, by poultry authorities, as an effective dose of Nicotine for Round Worms (ascaris) plus an effective dose of Arecoline-Hydrobromide. Those who use Sol-Hot TUWAY COMPOUND Tablets generally give one tablet to each adult fowl in the early spring and again at culling time, but birds showing the need for Round Worm medication, may be given TUWAY COMPOUND Tablets any time their conditions warrant. Inspect your layers and growing turkeys today! If they show signs of Round Worms by all means order enough Sol-Hot TUWAY COMPOUND Tablets for administration to every bird in your flock.

No. 9-918—Sol-Hot TUWAY COMPOUND Tablets for Adult Birds.
100 Tablets.....\$1.00 500 Tablets.....\$4.75
300 Tablets.....2.90 1000 Tablets.....9.00
Prepaid in U. S. A.

PULLET SIZE—SOL-HOT TUWAY COMPOUND TABLETS



Only one tablet is directed for each pullet or poult under 2 pounds live weight. Sol-Hot TUWAY Tablets contain what is considered, by poultry authorities, as an effective dose of Nicotine for Round Worms (ascaris) plus an effective dose of Arecoline-Hydrobromide for pullets and poults. Those who use Sol-Hot TUWAY COMPOUND pullet Tablets generally give one tablet when birds are about 8 weeks old and again to pullets just before they go into laying. Young stock to be marketed in the fall are often given one tablet each during the summer. Young birds showing the need for Round Worm medication, may be given TUWAY COMPOUND Tablets any time their conditions warrant. Watch growing stock very closely for Round Worm infestation. Kill a suspicious looking bird. Examine inside the intestinal tract. If you find a single worm, be sure to order enough Sol-Hot TUWAY COMPOUND PULLET Tablets at once for every bird in the flock. If one bird is "wormy" others in the flock may be suspected of harboring food-stealing, growth-retarding, weakness-producing internal parasites.

No. 9-917—Sol-Hot TUWAY COMPOUND Tablets for Chickens and Poults.
100 Tablets.....\$0.75 500 Tablets.....\$3.60
300 Tablets.....2.25 1000 Tablets.....7.05



COST ONLY 1c PER GALLON DRINKING WATER

At the very first signs of simple diarrhea in the flock, Sol-Hot Poultry Drinking Water Tablets may be useful. May be used in chicken, turkey, duck, geese, guinea and all adult fowl drinking water where Copper Sulfate and Potassium alum Medication may be useful. No effects from this medication can be expected in bacillary white diarrhea. Only one tablet per gallon of drinking water is directed. If preferred, this one tablet to the gallon of water may be used to make a moist mash. Sol-Hot tablets are also soluble in milk and buttermilk. Costs only 1c per gallon of drinking water when you use Sol-Hot Poultry Drinking Water Tablets.

No. 9-806—Adult Poultry Drinking Water Tablets.

One bottle of 100 tablets.....\$1.00
Six bottles of 100 tablets, each.....5.50
Prepaid in U. S. A.



SOL-HOT CHICK DRINKING WATER TABLETS

COST ONLY ½c PER GALLON DRINKING WATER



At the very first signs of simple diarrhea or pasting up behind, in the chick flock, Sol-Hot Chick Drinking Water Tablets may be useful. May be used in all chick, poult, duckling and gosling drinking water, from hatch until eight weeks old, where Copper Sulphate and Potassium Alum medication may be useful. No effects from this medication can be expected in bacillary white diarrhea. Only one tablet per gallon of drinking water is directed. If preferred, this one tablet to the gallon of water may be used to make a moist mash. Sol-Hot Chick Tablets are also soluble in milk and buttermilk. Costs only ½c per gallon of drinking water when you use Sol-Hot Chick Drinking Water Tablets.

No. 9-802—Chick Drinking Water Tablets.

One bottle of 100 tablets.....\$0.50
Six bottles of 100 tablets, each.....2.75

SOL-HOT VAPO-AIR FOR CHICKS

An aid in the relief of coughs and sneezing due to colds and in minor bronchial irritations where a medicinal combination of Methyl Phenol (Cresol), Camphor, Menthol and the Oils of Camphor, Eucalyptus and Pine Wood may be useful. May be used several times a day, in the brooder house, at the very first signs of swollen eyes, clogged beaks or sneezing, due to colds, in the chick flock. Chicks cannot stand strong Spray Inhalants. Only one-half teaspoonful of Sol-Hot Vapo-Air is used at one time. Merely pour it on top of a quart of boiling water, on a hot brick, stone or iron plate. Chicks breathe the medicated fumes containing the odors of Methyl Phenol (Cresol), Camphor, Menthol and Oils of Camphor, Eucalyptus and Pinewood. Each time you use Sol-Hot Vapo-Air, it costs only 1½c for an average eight-foot brooder house. Avoids getting little chicks wet as is the case when sprays are used.

No. 9-824—Vapo-Air for Chicks.

One 4-ounce bottle.....\$1.00
Six 4-ounce bottles.....5.50
One 8-ounce bottle.....1.90
Prepaid in U. S. A.



SOL-HOT ADULT FOWL VAPOR SPRAY

(CONCENTRATED) POULTRYMEN USE IT FOR ROUP AND COLDS



An aid in the relief of coughs and sneezing due to colds and in minor bronchial irritations where a medicinal combination of Methyl Phenol and Methyl Salicylate in a base of Hydrocarbon Oil may be useful. Use it twice a day at the very first signs of swollen eyes, clogged beaks or sneezing due to head colds. You can use it as a spray or as an individual application to the heads, mouths, nostrils and upper respiratory passages of affected chickens, turkeys, ducks, geese and all adult domestic fowl. Sol-Hot Vapor Spray is concentrated—just mix it with any blend oil like mineral, cottonseed or even light motor oil that you have on the place. Then you have a finished spray for

the heads of adult fowl. One tablespoonful makes a pint of spray this concentrated way. You don't pay us for the "filler" when you buy Vapor Spray Concentrated.

No. 9-820—Adult Fowl Vapor Spray.

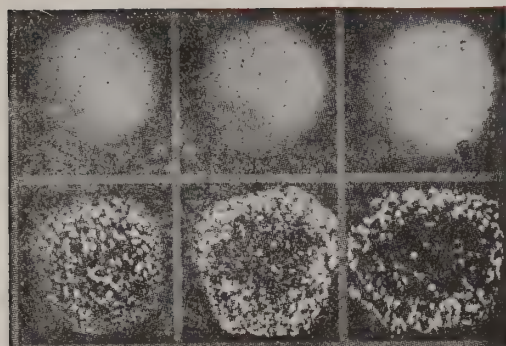
One 4-ounce bottle.....\$1.00
Six 4-ounce bottles.....5.50
One 8-ounce bottle.....1.90

A MONEY-BACK GUARANTEE OF SATISFACTION ON EVERY SOL-HOT REMEDY

HELP PROTECT POULTRY

With These Sol-Hot Aids

TEST FOR PULLORUM DISEASE (B. W. D.) THIS QUICK, EASY WAY



At Top—Blood Tests of birds free from B. W. D.
At Bottom—Tests of B. W. D. infected birds. The clumping of blood and Antigen shows the difference.

USE STAINED ANTIGEN

Pullorum Disease (B. W. D.) is a communicable disease. A hen that has survived an attack of Pullorum Disease (B. W. D.) as a chick will usually pass the disease onto the chicks hatched from the eggs she lays. Pullorum Disease is spread through susceptible birds in the flock by contamination of pens, yards, etc., with broken eggs and excretions from the birds harboring the causative organism of this disease—chicks feeding with infected fowls or other infected chicks. Testing with Stained Antigen will assist you in ridding your flock of infested birds.

Tests Easily and Quickly Made

The Stained Antigen Test is quickly and easily made at a very low cost per bird. A drop of blood from each fowl, mixed with a drop of Stained Antigen, shows in a few seconds which are positive and negative reactors. Full instructions for making the test are furnished with every vial.

- No. 9-948—Stained Antigen, 7.5 cc vial, sufficient for 150 tests, price per vial.....\$1.25
- No. 9-947—Stained Antigen, 25 cc vial, sufficient for 500 tests, price per vial..... 2.00
- No. 9-958—Stained Antigen, 50 cc vial, sufficient for 1000 tests, price per vial..... 3.00

Prepaid in U. S. A.

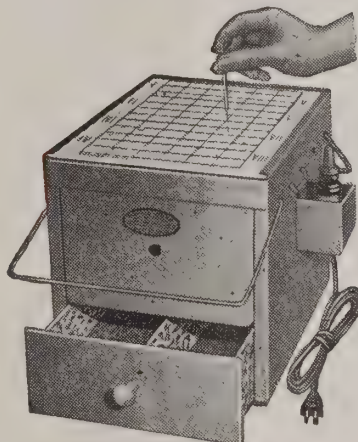
SOL-HOT HANDY TIME- SAVING BLOOD TESTING BOX

OIL OR ELECTRIC HEATED

By using this box you save time, as it assists in making blood testing an easy and simple job. Note its handy, substantial, and convenient time- and labor-saving construction. Made of galvanized steel. Painted with green enamel. Heavy removable white porcelain top. (With 72 blood test spaces.) One convenient drawer with center partition for supplies. Convenient receptacle box on side for needle and antigen. Handy double-folding carrying handle. Furnished complete with needle and loop for drawing blood samples, and with either an oil lamp heater, or fitted with electric light bulb, 8 ft. of cord, and socket connection.

- No. 9-956—Electric Heated Model.
Shipping Wt. 9 lbs.\$7.50
- No. 9-957—Oil Lamp Heated Model.
Shipping Wt. 9 lbs. 7.50
- No. 9-953—Extra Needle and Loop for drawing blood samples35
- No. 9-954—Porcelain Top only, as used on the above Testing Box 1.50

Prepaid in U. S. A.



Electric Heated Testing Box

IMPROVED NEEDLE FOR DRAWING SAMPLES

Improved Needle and Loop for drawing blood samples. Ends can be unscrewed. In case of breakage needle can be easily replaced with common sewing needle.

- No. 9-959—Price each\$0.50

Prepaid in U. S. A.

SOL-HOT AVIAN MIXED BACTERIN

Avian Mixed Bacterin is indicated for use in the treatment of such mixed infections of fowls and turkeys as those which accompany or complicate infectious coryza (colds), Roup, Fowl Pox and certain forms of Fowl Cholera. You can usually avoid costly poultry losses by vaccinating your birds before trouble starts. Produced under Veterinary License.

Simple and Inexpensive to Use

For preventive purposes the average dose for fowls and turkeys is 1 cc. Use either No. 9-853G or No. 9-854 Syringe to administer.

Vaccination is easy. With a little practice and one helper to hold the birds, you can treat 50 to 100 birds an hour.



- No. 9-850—30 cc Bottle of Bacterin\$0.75
- No. 9-851—125 cc Bottle of Bacterin 2.50
- No. 9-852—250 cc Bottle of Bacterin 4.00

Prepaid in U. S. A.

FOWL POX VACCINE

(PREPARED CHICKEN POX VIRUS)

Vaccinate your birds with Fowl Pox Vaccine (prepared from Chicken Pox Virus) to aid in the prevention of Fowl Pox or Avian Diphtheria (canker). It is recommended that three feathers be plucked from the thigh of the bird and the Vaccine rubbed in with the applicator brush according to directions furnished. Produced under U. S. Sanitary license. Each package contains a date of expiration and no out-dated packages are shipped.

- No. 9-945 — Bottle, sufficient for 100 treatments and brush for application.
Price\$1.15
- No. 9-946 — Bottle, sufficient for 500 treatments and brush for application.
Price 5.00

Prepaid in U. S. A.

SOL-HOT RECOMMENDS THE AVIAN TUBERCULIN TEST



COSTS LESS THAN ONE CENT PER BIRD

Avian Tuberculin is recommended for the diagnoses of Tuberculosis in fowls. After the diagnoses is made with the product, all birds showing typical reaction must be destroyed, or isolated, and the premises thoroughly cleaned up and disinfected according to standard methods. The test is usually made on the wattle of the bird. Costs less than 1c per bird. Complete directions furnished. Use Syringe No. 9-853G for administering.

- No. 9-869—Avian Tuberculin, 10cc Vial (approximately enough for 200 birds),
per vial\$1.50

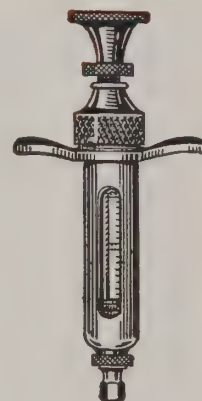
Prepaid in U. S. A.

SOL-HOT SERUM SYRINGES

Useful on every poultry ranch where needle injections are used. Finely made; long lasting with proper care; graduated measurements; easy to use. Illustration shows No. 9-853G Syringe. A substantial, well made Syringe like this is a good investment.

- No. 9-853G—5cc Glass Barrel Syringe, for administering either Tuberculin or bacterin. Each.....\$1.75
- No. 9-854—10cc Glass Barrel Syringe, twice the capacity of No. 853-G; Each.... 2.00
- No. 9-857 — Extra Needles for either of above syringes, Each15

All Prepaid in U. S. A.



SOL-HOT BULB SYRINGE



Designed for the application of liquid medication to the mouth, throat, nostrils, head and upper respiratory passages of birds. Discharges the liquid in the form of a fine spray. Recommended for giving birds individual applications of Sol-Hot Fowl Vapor Spray.

- No. 9-856N—Bulb Syringe, prepaid in U. S. A.\$0.75

PROSO--THE WONDER EGG AND MEAT PRODUCING GRAIN FOR POULTRY

Here is a new Poultry Grain which owes its origin to Russia, that enables you to raise your own feed. If you have only a small plot of ground you can raise a very good crop. Proso is unlike anything you have ever seen in this country. It grows more rapidly and matures quicker than other grains. It reaches a height of three to four feet, stools and branches, making fifteen to twenty-five heads instead of one. That is why it yields such enormous crops from such unbelievably small plots of ground. The Sarasota County Tribune, May 5, 1931, of Sarasota, Florida, says: "Our test plots of Proso have drawn visitors from many miles around."

Many Producers Report Splendid Yields

Under favorable climatic and soil conditions, Proso plants generally reach a height of from 3 to 4 ft., stools and branches, and have been found to make from 15 to 25 heads (in place of only a few). A single head has produced as many as 1185 seeds. That is why it seems to yield large crops from unbelievably small plots of ground. One authority claims that a half pound of seed, with good conditions, should produce from 5 to 10 bu. of Proso. Although it originated in Russia, Proso does even better—seems to grow faster and matures more readily under many of our U. S. A. climatic conditions. Reports seem to prove since being introduced into U. S. A., Proso has been acclimated to a point where it matches our own grain crops in adaptability to our many various soil conditions and temperatures. It is easy to thresh—may be planted anytime after danger of frost is over and up to middle of July and produce a good crop. May be planted in high or dry soil or even in ground that has been drowned out and is not in shape to work until late in the season. Proso has been successfully planted in acid and soils not so suitable to some other grain crops. Especially valuable as a summer "catch" crop. Can be drilled in allowing only 5 lbs. to the acre; broadcasting requires approximately 12½ lbs. to the acre.

Fowls Prefer it to Other Feeds

Prof. Hansen says of Proso: "When it is hulled and cooked for the table the Russians call it Kasha, and it is used extensively in European Russia, Siberia, Turkestan, Mongolia, and other parts of Asia. This is an especially valuable grain. For feeding stock, poultry, etc., it is equal to or better than wheat."

It is also used in those countries for flour and making into bread. In Russia one buys Proso bread just as you buy wheat bread here. It is extremely palatable, and fowls prefer it to any other grain. In our experimental plant the fowls leave all other grains once they have tasted Proso. Try it yourself. Put a handful of Proso in your mash feeder and watch how the birds do not touch the mash so long as any Proso remains.

Wonder Egg and Meat Producer for Chickens, Ducks and Geese

Proso makes a splendid mash when ground alone. When feeding with corn or oats the ratio should be four parts Proso to one part other grain. It may be fed in bundles as the kernels are readily scratched out of the heads, or it may be fed as clean grain from the thresher. Produces more eggs and meat per bushel than ordinary grains. Fine for hogs, cattle and sheep.

DOMESTIC BIRDS LIKE PROSO

Chickens, turkeys and all other domestic fowl and stock like it. We have seen birds eat more Proso than corn or wheat and in our own Experimental Plant, particularly, our test birds preferred Proso to domestic grain. Makes a splendid mash when ground. Can be fed with corn or oats in the ratio of 4 parts of Proso to one part of other grain. May be fed in bundles, or as clean grain from the thresher. An excellent scratch feed. Has been used with success as a Hog, Cattle, and Sheep feed. Make an effort to cut your feed costs this season by making your own mash and scratch grains with Proso.



The above illustration shows a stalk of proso grain heads. Notice how hardy and bushy this plant is. It grew to a height of 3½ feet, stoolled and branched, producing 21 heads, on one of which was 1185 grains. One authority tells us that a half pound of seed should produce 10 to 20 bushels of grain.

Prices For Proso

9-383—7 Oz.	\$0.45;	12½ Lbs.	\$4.00
9-383—2½ Lbs. ...	1.20;	25 Lbs.	7.00
9-383—5 Lbs.	2.00;	50 Lbs.	12.00

Prepaid to all points between Denver, Colo., and Pittsburgh, Pa. East of Pittsburgh and West of Denver, add 3c per lb.

Write for special prices on 100 lbs. or more.

Try Proso in Your Own
Experimental Plot

Let Us Send You a Bag of Proso

CHEAP GREENS FOR POULTRY

Reduce Your Feed Bill and
Increase the
Egg Production
of Your Flock



POULTRY CABBAGE—Has been known to yield three tons in a space 40x60 ft. Where can you match this for low priced green feed for poultry? One-half pound of seed has grown enough greens for a 1,000-hen flock for four months. In Northern States—can be sown up to July. In the South—the year 'round. Buy the one-fourth or pound size save money. Catalog No. 9A-386—Pkt. 10c; 3 Pkts. 25c; Oz. 35c; ¼ lb. \$1.00; Lb. \$3.00.

Prepaid in U. S. A.

CHISHA, OR CHICKEN LETTUCE—An excellent green feed for fowl. When cut—it resumes growth, and can be cut again and again; or the leaves can be stripped from stem. Plant does not head; produces a stout stalk—sometimes 3 to 4 ft. high, loaded with leaves. Catalog No. 9A-387—Pkt. 10c; 3 Pkt. 25c; Oz. 35c; ¼ lb. \$1.00; \$3.00.

Prepaid in U. S. A.

POULTRY AND STOCK BEET—Often furnishes a big yield. Makes an excellent green feed for poultry during the winter. Fine for cattle. Keeps them in condition. Stored in an ordinary cellar or any cool place, they will keep until spring. Catalog No. 9-389—Pkt. 10c; ¼ Lb. 35c; Lb. \$1.00

Prepaid in U. S. A.

KUDZU—A GOOD FORAGE CROP

An Excellent Winter Green
Feed For Poultry and
Live Stock

To feed Kudzu — just moisten, and it seems to become almost like fresh forage. Analysis has shown Kudzu has contained an average of 17.43% protein. Has been fed to poultry and livestock without danger. Fed to cows they produce more and richer milk. Makes a good pasture. Grows rampant (vine-like) and sets roots from crowns; in practically all climates. Claimed to be adaptable to all types of well drained soil. Many prefer it to alfalfa on poor land and maintain it enriches poor soil, in many cases, even far more rapidly than other methods of soil improvement. May be drilled in. Best to give Kudzu cultivation the first year; corn, potatoes or some other row crop may be raised on the same land first year. TWO CROPS have been cut in the north and FOUR in the south per season.



A HIGH PROTEIN GREEN FEED

Kudzu has been harvested when weather conditions were unfavorable for other hays and has been claimed to yield heavily, even when continued showers and dampness would practically ruin some other hay crops. We feel sure once you start a Kudzu crop you will continue to do so, year after year, for a Winter green feed for poultry and livestock. Buy now and give Kudzu a trial. Grows in most climates. No. 9-382—Kudzu Seed per packet 10c; 3 for 25c; 10 for \$1.00 Postpaid.

TRY A PACKAGE OF KUDZU SEED
Prepaid in U. S. A.

SPRAYERS FOR EVERY PURPOSE

BANNER COMPRESSED AIR SPRAYER

4-GALLON TANK—OPEN TOP

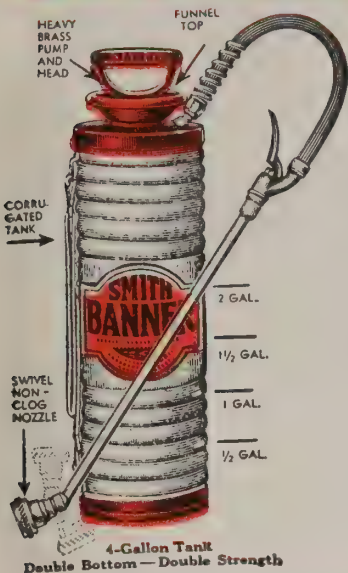
Sprays at Any Angle Five Different Sprays

Sprays any liquid. Suitable for spraying vines, shrubbery, flowers, cotton, trees, disinfectants, cold water paints, whitewash, etc. Fine for removing wall paper. Extra heavy galvanized steel or copper tank, with graduation marks for measuring liquid. Tank heavily corrugated and riveted—full 4-gallon capacity. Double bottom for double strength. Open top. Removable brass pump. 28 inches of $\frac{3}{8}$ -inch hose. 2-foot brass extension. Adjustable shoulder strap. Height $26\frac{1}{2} \times 7\frac{1}{2}$ in. Swivel, non-clog, brass nozzle. Sprays trees 10 to 15 ft. high. Fully guaranteed.

Postpaid Prices in U. S. A.

No. 9A-22G—Sprayer with Galvanized Tank, wt. 12 lbs. \$6.00

No. 9A-22C—Sprayer with Copper Tank, wt. 13 lbs. 9.00



LIGHTNING SPRAYER

3 1/2 GALLON TANK—OPEN TOP Adjustable—Five Different Sprays

Recommended for spraying plants, trees, shrubbery, cotton; for washing windows, automobiles, etc. Sprays anything in liquid form. Handles all insecticides, whitewash, or spraying cold water paint, fly oil and disinfectants. Easily operated. All working parts brass. Tank heavy galvanized steel, seams riveted, or copper, as ordered, with embossed graduation marks for measuring liquid. Capacity, 3 1/2 gallons. Large, strong funnel top, cadmium-plated against rust. Seamless brass pump. 23-in. length of $\frac{3}{8}$ -in. hose. 2-ft. brass extension. Non-clog brass nozzle—five different sprays. Shoulder strap for easy carrying. Height $25\frac{1}{4} \times 7\frac{1}{4}$ in.

Postpaid Prices in U. S. A.

No. 9-24G—Sprayer with Galvanized Tank. Wt. 10 lbs. Price each... \$3.85

No. 9-24C—Sprayer with Copper Tank Wt. 11 lbs. Price each..... 6.65



ONLY \$5.85

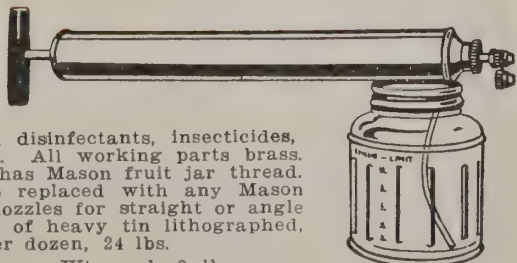
NEW, ALL-PURPOSE SPRAYER

A dozen Different Sprayers in one. Used for almost any kind of job where a fine mist to solid spray is desired. Handles liquids such as disinfectants, insecticides, whitewash or cold water paint. Will spray trees 25 ft. high. Sold on a Money-Back Guarantee. Complete with strainer, three different nozzles and wall bracket. Bucket not included.

No. 9-4C—All Purpose Sprayer. Shipping weight 4 1/2 lbs. \$5.85
Postpaid in U. S. A.

SAVOL SPRAYER

\$1.15
EACH



For spraying lacquer, disinfectants, insecticides, flowers, shrubbery, etc. All working parts brass. Glass jar, $5\frac{1}{4} \times 1\frac{1}{4}$ in., has Mason fruit jar thread. Holds 25 oz. May be replaced with any Mason fruit jar. Two brass nozzles for straight or angle spray. Pump chamber of heavy tin lithographed, 14 in. long. Weight per dozen, 24 lbs.

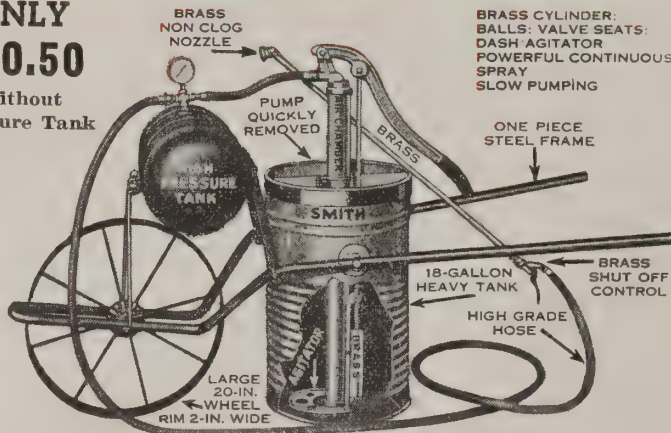
No. 9-785—Savol Sprayer. Wt. each 3 lbs.
Postpaid in U. S. A. \$1.15



GIANT "ALL-PURPOSE" SPRAYER

ONLY
\$20.50

Without
Pressure Tank



Fine for spraying trees, flowers, vines, washing windows, autos, whitewashing, etc. Pump develops heavy pressure of up to 250 lbs. on nozzle. Capacity 2 1/2 gal. per minute. All working parts brass. Requires no priming. Agitator keeps liquid thoroughly mixed. Frame of heavy steel pipe. Wheel 20 in. high, 2 1/2 in. rim. Galvanized Steel Bucket Tank, heavily corrugated and reinforced. Capacity 18 gal. 3-ft. Brass Extension Pipe. Twelve feet of $\frac{1}{2}$ -in. hose. Brass nozzle with two spray discs for large mist, coarse spray, or solid stream. Strainer prevents clogging. Five different sprays. Length 61 in. Height 38 in. High Pressure Tank of welded steel plate tested to 250 lbs. pressure. Has brass pressure gauge and drain nut on bottom. Will spray trees or whitewash buildings 30 feet high.

No. 9-60PG—Sprayer with Pressure Tank as shown. Wt. 110 lbs. \$31.25

No. 9-60G—Sprayer without Pressure Tank. Wt. 65 lbs. 20.50

Goodrich Silvertown Balloon Tire 16x4-in. Industrial 2-ply in place of steel tire, supplied at extra charge of..... 9.75

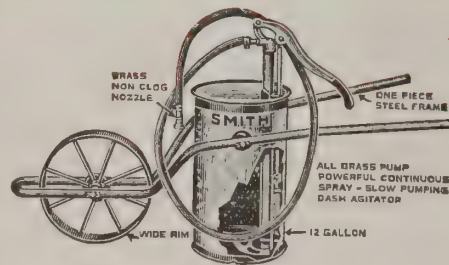
F. O. B. Quincy, Ill., or Factory

A HANDY WHITEWASHER AND SPRAYER

Handles all Insecticides, disinfectants, whitewash, insect spray, liquids, etc.

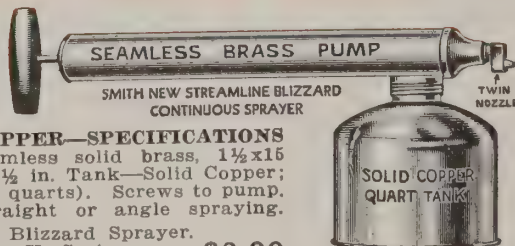
Fine for spraying flowers, vegetables, trees, etc. Sprays trees 18 ft. high. Five different sprays. Produces a continuous powerful mist of coarse spray with slow, easy pumping. Galvanized steel tank, 12 gal. capacity. Removable brass pump that has brass ball valve and valve seats. All working parts brass. Dasher agitator keeps liquid thoroughly mixed. Steel frame. Wheel 16 in. high with 1 1/2 in. discs for broad mist or long distance spray.

No. 9-50G—Sprayer. Shipping weight 37 lbs. Price each... \$12.00
F. O. B. Quincy, Ill., or Factory



STREAMLINE BLIZZARD SPRAYER

\$2.00 EACH



ALL BRASS AND COPPER—SPECIFICATIONS
Pump Chamber—Seamless solid brass, $1\frac{1}{2} \times 1\frac{1}{2}$ in. Over-all length, 18 1/2 in. Tank—Solid Copper; capacity, 36 ounces (1 1/4 quarts). Screws to pump. Nozzles—Twin, for straight or angle spraying.

No. 9-4048—Streamline Blizzard Sprayer.
Wt. 3 lbs. Postpaid in U. S. A. \$2.00

LICE MITES

**Lice Free Layers
Are Better Layers**

The Head Louse is most injurious to young chicks. The Body Louse is most injurious to grown fowl. When birds look droopy and listless you can rightfully suspect lice or mites, or both. Delousing birds and houses systematically, regularly and thoroughly increases poultry returns. Lousy hens are lazy layers. Hens fighting body lice all day and red mites all night saps the strength and vitality badly needed for egg production. Lice and Red Mites need not be tolerated on poultry. Successful poultrymen watch their flocks constantly. They delouse for prevention as well as elimination. They treat birds individually and treat houses, nests, roosts, regularly in a steady war against body lice and red mites. When these campaigns are a definite part of the regular management routine, lice and mite elimination becomes easier, simpler, surer, more economical and more profitable.



Put it on with an Oil Can—It can't come off.

SOL-HOT "SPOT" METHOD FOR POULTRY

Find out if your flock has lice. Catch a bird. Spread the feathers below the vent and look for lice. You might even find skin irritation, scabs or blood clots in severe cases. Find out if your premises are mite infested. Look under roosts, in cracks and crevices for red mites and pearly white eggs. At the very first sign, order Sol-Hot "SPOT" Method for Poultry.

Leading poultry authorities prefer the "Spot" method. A lousy hen may be too lazy to "dust" herself. Individual application is best. Sol-Hot "SPOT" Method is applied with an ordinary oil can—one "spot" to several spots on the body. It spreads out—won't shake off like powder—stays where it is put—right where it does the most good. Contains Methyl Phenol, Naphthalin, Paradichlorobenzene in a base of Hydrocarbine Oil. Easy to apply. You can do the job alone and fast. One pint is usually sufficient to "spot" treat 200 adult fowl. For red mites you merely clean the poultry house and spray with Sol-Hot "SPOT" Method. Comes ready to use. Try it—if you don't think it does a good job your money will be refunded. **THAT'S SOL-HOT'S GUARANTEE.**

No. 9-827P—One Pint Sol-Hot "SPOT" Method.....\$0.75
No. 9-827Q—One Quart Sol-Hot "SPOT" Method..... 1.40
Postpaid in U. S. A.

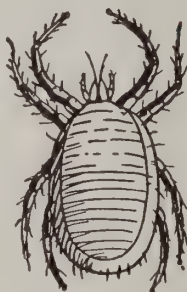
GENUINE "C-A" CARBOLINEUM Used Against Mites and Blue Bugs

This is genuine Carbolineum America (full strength and undiluted). If you want to dilute it, or thin it down for use in spray gun, all you need do is add crank case oil, fuel oil or even kerosene. A wonderful aid for use against mites and blue bugs. Also against termites. Helps preserve wood, too. May be sprayed or painted on. Evaporation is slow—one good application may last from 1 to 3 years. One gallon is generally sufficient for an 8x10 ft. chicken house. Sold on money-back guarantee.

Catalog No. 9-863

One 1-gal. can.....\$2.00 30-gal. drum, per gal.....\$1.05
One 5-gal. can, per gal.... 1.35 55-gal. drum, per gal.... 1.00
Two 5-gal. cans, per gal. 1.25

All F. O. B. Quincy, Ill., or Factory



SOL-HOT PIK-OINT

We Recommend Against Cannibalism

Its principle is to discourage aggressive "picking" in poultry by providing a substance resembling blood in color but bitter to the taste of fowl. Watch chicks for picked vents and toes. Watch older birds for wire cuts and feather pulling.



At the very first signs of blood apply Sol-Hot PIK-OINT. Keep Sol-Hot PIK-OINT handy for emergency use. Money back if it fails to satisfy you.

No. 9-833—Sol Hot PIK-OINT.

One 4-oz. tin, only.....\$0.60
Three 4-oz. tins, only..... 1.50

Postpaid in U. S. A.

SOL-HOT HATCHERY, INCUBATOR AND BROODER SPRAY AND DIP



Costs as low as 27½¢ per gallon for Sol-Hot's Hatchery, Incubator and Brooder Spray.

Think of it! A spray for brooder equipment, storage batteries, display batteries and a dip for rinsing feeding utensils, screens and other loose equipment after washing for as little as 27½¢ a gallon. A Spray and a Dip where a combination containing Methyl Phenol (Cresol), Guaiacol, Oil of Camphor, Oil of Eucalyptus, Oil of Anise, Oil of Sassafras in a Saponaceous Oil Turpentine Base may be useful.

Sol-Hot Hatchery Spray and Dip comes to you in CONCENTRATED form. All you do is mix it with water to make a finished Spray and Dip. Only one quart mixed with water makes TEN GALLONS of Spray and Dip. As little as eight teaspoonsful mixed with water makes 2½ pints of Spray and Dip.

Spray Sol-Hot Spray and Dip into incubators at least once each week while eggs are setting. Can also be sprayed in incubators while chicks are being hatched because Sol-Hot Spray and Dip contains Oil of ampor, Oil of Eucalyptus, Oil of Sassafras, and Oil of Anise. It need not be used as soon as mixed, therefore, you can make up enough at one time to last a long while. Sold on Sol-Hot Money-Back Guarantee.

CONCENTRATED—YOU DON'T PAY FOR WATER

No. 9-860C—4-oz. Bottle (makes 5 qts. of spray).....\$0.50
No. 9-860D—8-oz. Bottle (makes 10 qts. of spray)..... .90
No. 9-860B—1-pt. Can (makes 5 gallons of spray)..... 1.50
No. 9-860A—1-qt. Can (makes 10 gallons of spray)..... 2.75
No. 9-860—½-gal. Can (makes 20 gallons of spray)..... 4.50

For Price of Sprayers, see page 67.

Prepaid in U. S. A.

SOL-HOT TRIPLE BAIT



**RAT
TABS**

No Bait to Mix—No Fuss—No Muss

Contain Red Squill mixed with THREE different kinds of bait usually attractive to rats. Sol-Hot Rat Tabs are poisonous to rats but relatively harmless to poultry, pets, livestock and humans because humans and domestic animals will not eat enough Rat Tabs to injure themselves. Rats like them but every half Rat Tab is generally sufficient to kill a half pound rat. Rat Tabs kill slowly, giving rats time to seek deep burrows in which to die. Helps eliminate bad odors. Contain 3 different baits—the kind of food rats like. Ready for use. No mixing of bait. Put Rat Tabs around where rats and mice are known to run.

No. 9-955—25 Rat Tabs (50 rat-killing doses) Price only.....\$0.25
Prepaid in U. S. A.

**50 RAT
DOSES 25¢**

Date _____

PLEASE SHIP THE FOLLOWING TO:—

Shipping Point _____

County

Postoffice

Street No.

State

Cash Price of Merchandise Ordered	Amount to Add for Easy Payments	Down Pay- ments	Monthly Pay- ments
\$ 10.00—\$ 20.00	\$ 1.50	\$ 3.00	\$ 3.00
20.01— 30.00	2.50	5.00	5.00
30.01— 40.00	3.50	7.00	6.00
40.01— 50.00	4.50	9.00	7.00
50.01— 75.00	6.25	12.00	8.00
75.01— 90.00	8.25	16.00	10.00
90.01— 105.00	9.75	19.00	11.00
105.01— 120.00	10.00	22.00	12.00
120.01— 135.00	10.50	25.00	13.00
135.01— 150.00	11.00	28.00	14.00
150.01— 175.00	12.00	30.00	15.00
175.01— 220.00	13.00	33.00	16.67
220.01— 250.00	22.50	42.00	19.00
250.01— 300.00	27.50	52.00	21.00
300.01— 350.00	32.50	62.00	27.00
350.01— 400.00	37.50	72.00	32.00
400.01— 450.00	42.50	82.00	35.00
450.01— 500.00	47.50	92.00	37.00

On orders totaling over \$500.00, write
for special time payment terms.

[illegible]

PLEASE ANSWER THE FOLLOWING QUESTIONS FOR OUR RECORDS

I work for

Age _____ Company _____ City _____
 Married ☐ Single ☐ Number of Dependents _____

My average monthly income is _____ My obligations per month total _____ I have lived in this community _____ Years

I own ☐ Rent ☐ my home Mortgaged: Yes ☐ No ☐
I own ☐ Rent ☐ my farm Mortgaged: Yes ☐ No ☐ No. acres

I do business with _____ Bank, located at _____

I am pleased to give you names of two business houses that have extended me credit in the past:

[illegible]

Business Date credit extended

[illegible]

Business	Date credit extended

I have purchased on monthly payments from:

Name _____ Address _____

Name	Address
------	---------

.....
Your signature

Street number _____ Rural Route _____ Box No. _____

Post Office Shipping Point

State _____ County _____

CASH ORDER BLANK

(ALSO USE ON C. O. D. SHIPMENTS)

H. M. Sheer Co.
Quincy, Illinois

PLEASE SHIP THE FOLLOWING TO:—

Date _____, 19____

Name _____ Postoffice _____

Shipping Point _____ Street No. _____

County

SHIP VIA	FREIGHT—Give name of Railroad	EXPRESS—Give name Express Co.	PARCEL POST Put X Here
-------------	-------------------------------	-------------------------------	------------------------------

[illegible]

Before Mailing Be sure you have given all necessary information so as not to delay your order

FILL IN CAREFULLY AND WRITE PLAINLY

Amount for Goods

Amount for Express
or Parcel Post'

Total Amount Enclosed

SOLE HOT

Date _____

SOL-HOT TABLE OF TERMS

Cash Price of Mdse. Ordered	Amount to Add for Easy Payments	Down Pay- ments	Monthly Pay- ments
\$10.00—\$ 20.00	\$1.50	\$ 3.00	\$ 3.00
20.01— 30.00	2.50	5.00	5.00
30.01— 40.00	3.50	7.00	6.00
40.01— 50.00	4.50	9.00	7.00
50.01— 75.00	6.25	12.00	8.00
75.01— 90.00	8.25	16.00	10.00
90.01—105.00	9.75	19.00	11.00
105.01—120.00	10.00	22.00	12.00
120.01—135.00	10.50	25.00	13.00
135.01—150.00	11.00	28.00	14.00
150.01—175.00	12.00	30.00	15.00
175.01—220.00	13.00	33.00	16.67
220.01—250.00	22.50	42.00	19.00
250.01—300.00	27.50	52.00	21.00
300.01—350.00	32.50	62.00	27.00
350.01—400.00	37.50	72.00	32.00
400.01—450.00	42.50	82.00	35.00
450.01—500.00	47.50	92.00	37.00
On orders totaling over for special time payment		\$500.00,	write terms.

Cash Price of Mdse. Ordered	Amount to Add for Easy Payments	Down Pay- ments	Monthly Pay- ments
\$10.00—\$ 20.00	\$1.50	\$ 3.00	\$ 3.00
20.01— 30.00	2.50	5.00	5.00
30.01— 40.00	3.50	7.00	6.00
40.01— 50.00	4.50	9.00	7.00
50.01— 75.00	6.25	12.00	8.00
75.01— 90.00	8.25	16.00	10.00
90.01—105.00	9.75	19.00	11.00
105.01—120.00	10.00	22.00	12.00
120.01—135.00	10.50	25.00	13.00
135.01—150.00	11.00	28.00	14.00
150.01—175.00	12.00	30.00	15.00
175.01—220.00	13.00	33.00	16.67
220.01—250.00	22.50	42.00	19.00
250.01—300.00	27.50	52.00	21.00
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400.01—450.00	42.50	82.00	35.00
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\$10.00—\$ 20.00	\$1.50	\$ 3.00	\$ 3.00
20.01— 30.00	2.50	5.00	5.00
30.01— 40.00	3.50	7.00	6.00
40.01— 50.00	4.50	9.00	7.00
50.01— 75.00	6.25	12.00	8.00
75.01— 90.00	8.25	16.00	10.00
90.01—105.00	9.75	19.00	11.00
105.01—120.00	10.00	22.00	12.00
120.01—135.00	10.50	25.00	13.00
135.01—150.00	11.00	28.00	14.00
150.01—175.00	12.00	30.00	15.00
175.01—220.00	13.00	33.00	16.67
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\$10.00—\$ 20.00	\$1.50	\$ 3.00	\$ 3.00
20.01— 30.00	2.50	5.00	5.00
30.01— 40.00	3.50	7.00	6.00
40.01— 50.00	4.50	9.00	7.00
50.01— 75.00	6.25	12.00	8.00
75.01— 90.00	8.25	16.00	10.00
90.01—105.00	9.75	19.00	11.00
105.01—120.00	10.00	22.00	12.00
120.01—135.00	10.50	25.00	13.00
135.01—150.00	11.00	28.00	14.00
150.01—175.00	12.00	30.00	15.00
175.01—220.00	13.00	33.00	16.67
220.01—250.00	22.50	42.00	19.00
250.01—300.00	27.50	52.00	21.00
300.01—350.00	32.50	62.00	27.00
350.01—400.00	37.50	72.00	32.00
400.01—450.00	42.50	82.00	35.00
450.01—500.00	47.50	92.00	37.00
On orders totaling over for special time payment		\$500.00,	write terms.

Cash Price of Mdse. Ordered	Amount to Add for Easy Payments	Down Pay- ments	Monthly Pay- ments
\$10.00—\$ 20.00	\$1.50	\$ 3.00	\$ 3.00
20.01— 30.00	2.50	5.00	5.00
30.01— 40.00	3.50	7.00	6.00
40.01— 50.00	4.50	9.00	7.00
50.01— 75.00	6.25	12.00	8.00
75.01— 90.00	8.25	16.00	10.00
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State _____ County _____

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Read What These Sol-Hot Users Say

Murray, Utah

We are well pleased with your batteries. We are doing fine with them. We have 1,000 fries per month. I have told many people where to get batteries. The battery business is the only thing for any poultryman, if he expects to stay in the poultry business. As I see it, the poultry business without batteries is as much out of date as a grocery store without a butcher shop. So many people ask me if I make the chicken business pay. I tell them, "Use the battery system and get your prices for your product." Send anybody you like to see mine, if it will help you any. You surely have been square with me.

Macon, Georgia

The space heater I purchased from you last month is working fine and I find it economical. I think you should advertise the space heater because it is a great improvement in stoves for battery buildings. I am not losing a chick and I attribute my success this year to the complete air circulation from the heater.

Greenville, South Carolina

This fall I purchased one of your latest TD-300 Space Heaters for my 28x18 Broiler Growing Room. I have found this heater to be all and more than I expected of it. I do not believe there is one on the market which could give as good service as this one does.

I cannot say too much for this space heater nor the fair and unquestionable way you deal with your customers. I can, without the least hesitation, recommend this heater to anyone who wishes to buy a real stove for a real purpose and get a real service from it.

Lawrence, Kansas

I have received my broiler plant and it is in operation. Up to date I have put in 300 baby chicks and they are doing fine. I have had several people to look at it and compliment the outfit. They, like myself, think it is wonderful. It will be about six more weeks before my first group will be ready for market.

Mount Olive, N. C.

Please find enclosed payment on my broiler plant. I like it fine; it is working very nicely.

East Northport, L. I.,
New York

I wish to express my thanks for the prompt shipment of my second order. I am very much satisfied with the quality of your products and will recommend them to all I know who can use them. My plant will be open for inspection to any of your prospective customers.

Lockport, New York

I have two of your 100 - a - week Broiler Plants which are satisfactory.

Faribault, Minnesota

We have had good results with the 50-a-week Broiler Plant.

Hubbard, Ohio

Enclosed find money order to pay my account in full. Thank you very much for what you have done for me. In the near future I may be wanting some more things from you. I like my broiler plant very much and am well pleased with it.

Corpus Christi, Texas

The broiler business is a coming and established business. My experience with the Sol-Hot equipment has been very satisfactory and I would advise anyone who is interested in making a business of poultry, to purchase a Sol-Hot Plant of whatever size plant desired. I am very pleased with mine. I intend to enlarge my plant in the future and it will be a Sol-Hot. The retail price here is 48c.

Miami, Florida

The remainder of my broiler plant arrived today. Allow me to compliment you on the quality and workmanship of this outfit. I am well pleased with it and am receiving considerable favorable comment on the equipment.

Macon, Georgia

We are very much pleased with the batteries, and our first chicks are four weeks old today. They tip the scales at from 14 to 20 ounces. Our plant has received many compliments.

Elyria, Ohio

We are well pleased with the Sol-Hot Broiler Plant. Had chicks weigh one pound when just four weeks old.

Alton, Illinois

I have received all the equipment and it is quite satisfactory. I now have 250 chicks started and they are doing well.

Sandy Creek, New York

I am taking this opportunity to tell you personally how pleased I am with the plant recently purchased.

Dayton, Ohio

I weighed one of my 6 weeks old White Leghorn chicks tonight. It weighed a little over 1½ lbs.

St. Jacob, Illinois

I made a splendid record with my 100-a-week Sol-Hot Broiler Plant. I started 505 chicks January 14 and sold 502 broilers March 16. These broilers averaged 2½ lbs. I have only one thing to say about the plant. It is the most durable on the market.

Batesville, Arkansas

Received my Sol-Hot Broiler Battery and have it set up with 750 chicks in it. They are doing fine.

Cheyenne, Wyoming

The Batteries arrived all O.K. Have them set up and two batches of chicks going already. Am very much pleased with the build and ease of operation of these two units.

Timpson, Texas

I received all my equipment and have had it in operation for four weeks and like it fine. I have not lost a chick so far and am very well pleased with the batteries.

Dayton, Ohio

I have received the Sol-Hot 100-a-week Broiler Plant and am well pleased with it. The plant was very easy to assemble by following your instructions and every piece fits correctly.

Wrentham, Mass.

I am still well satisfied with the batteries I bought from H. M. Sheer as all those who have tasted the broilers raised in them, said they had never seen broilers so plump and good, so intend to continue raising the year round and find a good market for them.

Anaconda, Montana

I am very much taken up with your Sol-Hot Battery Broiler Plant. I have put in 100 Hampshire cockerels and nine weeks had some that went to 3¼ pounds. Don't tell me anyone can beat that, but I like your new improvements on the batteries. I find a ready market for all chickens, and do not keep them after they are 1½ to 2 pounds. I feed only one mash. Never had any cannibalism or other habits and never a sick one. My plant is in town in my back yard.

New Bern, North Carolina

It might interest you to know that the Broiler Plant I purchased from you some time ago is functioning perfectly. I am very well pleased with it, and am operating it at full capacity now, putting in two hundred chicks every week.

Madisonville, Texas

About six weeks ago I installed one of your All Purpose Space Heaters in my Broiler Plant. Since starting the operation of my Broiler Plant in November, I have checked the results received from this heater very closely and find that they are entirely satisfactory. I find that this All Purpose Space Heater will do everything you claim for it, and even more.

Martinsville, Virginia

Enclosed is payment on battery brooder. I have started to sell broilers at eight weeks, weighing nearly two pounds.

Amarillo, Texas

We are still operating under full capacity and receiving fair profits. We still think we were wise in buying Sol-Hot equipment.

Lego, West Virginia

Gentlemen:
Received last shipment in perfect condition and let me compliment your company on your excellent service which is equalled only by the material and workmanship of your batteries.

I have my 300-per-week plant in operation now and find it very satisfactory. The market on this brand of broilers is so good in this territory that I had to add three finishing batteries to my plant.

Wellston, Ohio

Have made 2-lb. Broilers with your outfit in six weeks and five days. Have at present time 2,900 head going through. Hope I can give you later on, some good records that you can use to your sales advantage. Thank you for square dealing!

Have had good luck with your Sol-Hot stoves.

East Wareham, Mass.

Thought perhaps you might be interested to know that at 8 weeks my broilers (98 out of 100) weighed in the neighborhood of 2¼ lbs. to 2½ lbs. today. I am pleased to write to tell you that I am more than pleased with the equipment.

The names of any of these Sol-Hot Broiler Plant owners will be gladly sent to you upon request. Sol-Hot owners are always glad to help other folks in the Poultry Industry. Start your broilers through your Sol-Hot Plant NOW!

THE FAMOUS

SOL-HOT

GUARANTEE

We guarantee the service you have a right to expect. We guarantee every article to be as represented and to do what we claim—or we make good by replacing merchandise or refunding full purchase price. Complaints, however, must be filed within 30 days after shipment is received. This Guarantee on Sol-Hot products has made the Sheer Manufacturing Company one of the world leaders in the Poultry Supply Line.

The best evidence to prove that the Sol-Hot line of poultry supplies will do all, or even more, than we claim, are the many letters of endorsement from customers that use and dealers who sell Sol-Hot equipment.

H. M. Sheer Co.